# Freetown Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008

Obs Obs Exp SIR 95% CI Exp SIR 95% CI Bladder, Urinary Melanoma of Skin 7 89.6 Male 7.8 (35.9-184.6)Male 5 5.7 87.5 (28.2-204.2)Female 2 2.6 nc (nc-nc) Female 5 4.5 111.7 (36.0-260.8)**Brain and Other Nervous System Multiple Myeloma** Male 1.8 nc (nc-nc) Male 2 1.4 nc (nc-nc) Female 1.3 Female 2 0.9 nc (nc-nc) nc (nc-nc) **Breast** Non-Hodgkin Lymphoma 0 0.2 Male 7 Male (nc-nc) 4.9 142.9 (57.2-294.3)nc 3 Female 35 32.6 107.5 (74.8-149.5) Female 3.6 nc (nc-nc) **Cervix Uteri Oral Cavity & Pharynx** Male 1 3.8 nc (nc-nc) Female 0 1.5 Female 2 nc (nc-nc) 1.5 nc (nc-nc) Colon / Rectum Ovary 13 10.8 120.9 Male (64.3-206.8)Female 10 9.0 111.7 (53.5-205.4)Female 5 3.0 165.3 (53.3-385.7)**Esophagus Pancreas** 3 3 Male 2.3 nc (nc-nc) Male 2.6 nc (nc-nc) Female 0 0.5 Female 3 2.3 nc (nc-nc) (nc-nc) nc **Hodgkin Lymphoma Prostate** 0 0.9 33 33.2 Male nc (nc-nc) Male 99.3 (68.3-139.4)Female 3 0.6 nc (nc-nc)

Stomach

**Testis** 

**Thyroid** 

Male

Male

Male

Female

Uteri Corpus and Uterus, NOS

Female

Male

Female

All Sites / Types

Female

0

1

0

4

7

129

112

2.0

1.0

1.4

2.0

6.1

7.3

115.6

104.6

nc

nc

nc

nc

114.0

96.5

111.5

107.1

(nc-nc)

(nc-nc)

(nc-nc)

(nc-nc)

(45.7-234.9)

(38.7-198.8)

(93.1-132.5)

(88.1-128.8)

• Obs = observed case count; Exp = expected case count;

4.8

2.4

1.3

0.3

3.0

2.0

2.5

0.7

14.8

13.4

11

3

2

0

3

2

3

0

23

12

231.0

nc

nc

nc

nc

nc

nc

nc

155.2

89.9

(115.1-413.3)

(nc-nc)

(nc-nc)

(nc-nc)

(nc-nc)

(nc-nc)

(nc-nc)

(nc-nc)

(98.3-232.9)

(46.4-157.0)

Kidney & Renal Pelvis

Male

Male

Male

Male

Male

Female

Female

**Lung and Bronchus** 

Liver and Intrahepatic Bile Ducts

Female

Female

Female

Larynx

Leukemia

- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Gardner

	<u>Obs</u>	<u>Exp</u>	SIR	95% CI		<u>Obs</u>	Exp	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	21	24.6	85.3	(52.8-130.3)	Male	18	15.4	116.8	(69.2-184.5)
Female	7	9.1	76.6	(30.7-157.9)	Female	6	11.3	53.2	(19.4-115.8)
Brain and Other Ner	vous Sys	<u>tem</u>			Multiple Myeloma				
Male	6	4.7	126.5	(46.2-275.3)	Male	5	3.9	128.8	(41.5-300.6)
Female	2	3.6	nc	(nc-nc)	Female	4	2.9	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphon	<u>na</u>			
Male	2	0.7	nc	(nc-nc)	Male	23	13.5	170.0	(107.7-255.1)
Female	69	81.3	84.9	(66.1-107.5)	Female	10	11.2	88.9	(42.6-163.5)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	11	9.1	121.3	(60.5-217.0)
Female	3	3.2	nc	(nc-nc)	Female	2	4.1	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	24	31.0	77.4	(49.6-115.2)					
Female	25	31.0	80.8	(52.3-119.2)	Female	4	8.1	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	5	6.2	80.3	(25.9-187.3)	Male	9	7.6	117.8	(53.7-223.6)
Female	0	1.8	nc	(nc-nc)	Female	8	8.2	97.3	(41.9-191.8)
Hodgkin Lymphoma	<u>1</u>				<u>Prostate</u>				
Male	1	2.2	nc	(nc-nc)	Male	77	86.9	88.6	(70.0-110.8)
Female	1	1.5	nc	(nc-nc)					
Kidney & Renal Pelv	<u>/is</u>				<u>Stomach</u>				
Male	10	12.3	81.0	(38.8-149.0)	Male	7	5.9	118.8	(47.6-244.8)
Female	5	6.9	72.2	(23.3-168.5)	Female	4	3.6	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	2	3.6	nc	(nc-nc)	Male	8	3.6	223.1	(96.0-439.5)
Female	1	0.9	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	3	8.6	nc	(nc-nc)	Male	5	4.7	107.4	(34.6-250.7)
Female	6	6.4	94.3	(34.4-205.2)	Female	6	12.8	46.9	(17.1-102.1)
Liver and Intrahepat	tic Bile Du	<u>icts</u>			Uteri Corpus and Uteru	s, NOS			
Male	7	6.2	112.3	(45.0-231.4)					
Female	1	2.2	nc	(nc-nc)	Female	24	17.9	133.7	(85.7-199.0)
Lung and Bronchus					All Sites / Types				
Male	52	44.4	117.2	(87.6-153.8)	Male	320	320.4	99.9	(89.2-111.4)
Female	39	43.2	90.4	(64.3-123.5)	Female	251	296.4	84.7	(74.5-95.8)

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- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Georgetown

	<u>Obs</u>	Exp	SIR	95% CI	min otandaraizoa molacilo	<u>Obs</u>	<u>Exp</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	8	6.9	116.2	(50.0-228.9)	Male	5	5.0	100.9	(32.5-235.4)
Female	3	2.4	nc	(nc-nc)	Female	4	3.9	nc	(nc-nc)
<b>Brain and Other Ner</b>	vous Sys	<u>tem</u>			Multiple Myeloma				
Male	1	1.6	nc	(nc-nc)	Male	1	1.2	nc	(nc-nc)
Female	1	1.2	nc	(nc-nc)	Female	2	0.8	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>na</u>			
Male	0	0.2	nc	(nc-nc)	Male	4	4.3	nc	(nc-nc)
Female	29	28.8	100.7	(67.5-144.7)	Female	7	3.3	213.2	(85.4-439.4)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	4	3.2	nc	(nc-nc)
Female	1	1.3	nc	(nc-nc)	Female	2	1.3	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	10	9.4	106.5	(51.0-195.8)					
Female	5	8.3	60.2	(19.4-140.5)	Female	3	2.7	nc	(nc-nc)
<b>Esophagus</b>					<u>Pancreas</u>				
Male	2	2.0	nc	(nc-nc)	Male	0	2.3	nc	(nc-nc)
Female	1	0.5	nc	(nc-nc)	Female	0	2.1	nc	(nc-nc)
Hodgkin Lymphoma	1				<u>Prostate</u>				
Male	0	0.7	nc	(nc-nc)	Male	40	28.5	140.5	(100.4-191.4)
Female	2	0.5	nc	(nc-nc)					
Kidney & Renal Pelv	<u>ris</u>				<u>Stomach</u>				
Male	3	4.1	nc	(nc-nc)	Male	2	1.7	nc	(nc-nc)
Female	4	2.2	nc	(nc-nc)	Female	1	0.9	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	2	1.2	nc	(nc-nc)	Male	1	1.2	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	4	2.7	nc	(nc-nc)	Male	1	1.7	nc	(nc-nc)
Female	3	1.9	nc	(nc-nc)	Female	10	5.3	187.7	(89.8-345.2)
Liver and Intrahepat	ic Bile Du				Uteri Corpus and Uteru	ıs, NOS			
Male	2	2.2	nc	(nc-nc)					
Female	0	0.6	nc	(nc-nc)	Female	7	6.3	110.9	(44.4-228.5)
Lung and Bronchus					All Sites / Types				
Male	10	13.0	76.9	(36.8-141.4)	Male	109	100.3	108.6	(89.2-131.1)
Female	13	12.2	106.4	(56.6-182.0)	Female	105	94.1	111.6	(91.2-135.1)

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Gill

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs Exp SIR 95% CI Obs SIR 95% CI Exp **Bladder, Urinary** Melanoma of Skin 2 0 Male 1.7 nc (nc-nc) Male 1.1 nc (nc-nc) Female 1 0 0.5 nc (nc-nc) Female 8.0 nc (nc-nc) **Brain and Other Nervous System Multiple Myeloma** 0 0 0.3 Male 0.3 nc (nc-nc) Male nc (nc-nc) 0 0 0.2 Female 0.2 Female (nc-nc) (nc-nc) nc nc **Breast** Non-Hodgkin Lymphoma Male 0 0.0 Male 2 0.9 nc (nc-nc) nc (nc-nc) 10 170.0 Female 0 0.7 Female 5.9 (81.4-312.7)(nc-nc) nc **Cervix Uteri** Oral Cavity & Pharynx 2 0.7 Male nc (nc-nc) 1 0.2 0 0.3 Female Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary Male 3 2.2 nc (nc-nc) 0 Female 1 1.9 Female 0.6 nc (nc-nc) nc (nc-nc) **Esophagus** Pancreas Pancreas 0 1 0.4 0.5 Male nc (nc-nc) Male nc (nc-nc) 0 2 0.5 Female 0.1 (nc-nc) Female (nc-nc) nc nc **Prostate** Hodgkin Lymphoma 7 Male 0 0.1 6.1 115.5 (46.3-238.0)(nc-nc) Male nc 0 Female 0.1 nc (nc-nc) Kidney & Renal Pelvis Stomach Male 1 0.9 Male 0 0.4 nc (nc-nc) nc (nc-nc) Female 0 0.5 (nc-nc) Female 0 0.2 nc nc (nc-nc) Larynx **Testis** 0.3 0 0.2 Male 1 Male nc (nc-nc) nc (nc-nc) 0 0.1 Female nc (nc-nc) **Leukemia Thyroid** 2 0.6 0 0.3 Male nc (nc-nc) Male (nc-nc) nc Female 0 0.4 Female 0 1.0 (nc-nc) nc (nc-nc) nc Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS Male 0 0.5 nc (nc-nc) 0 Female 0.1 (nc-nc) Female 1 1.3 (nc-nc) nc nc **Lung and Bronchus** All Sites / Types Male 1 3.0 26 22.2 (76.5-171.6)Male 117.1 nc (nc-nc) 22 Female 6 2.6 230.9 (84.3-502.5) Female 19.6 112.2 (70.3-169.9)

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## **Gloucester**

	Obs	Exp	SELVED AND EX	95% CI	with Standardized incluence	Obs	<u>Exp</u>	SIR	95% CI
Bladder, Urinary		<u></u>	<u></u>		Melanoma of Skin				
Male	42	36.6	114.6	(82.6-154.9)	Male	30	23.2	129.0	(87.0-184.2)
Female	13	14.2	91.6	(48.7-156.6)	Female	27	18.4	146.7	(96.7-213.5)
Brain and Other N	ervous Sy	stem_			Multiple Myeloma				
Male	11	7.0	156.9	(78.2-280.8)	Male	4	5.9	nc	(nc-nc)
Female	7	5.8	121.2	(48.5-249.7)	Female	4	4.6	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>ma</u>			
Male	2	1.0	nc	(nc-nc)	Male	21	20.1	104.3	(64.5-159.5)
Female	122	137.4	88.8	(73.7-106.0)	Female	23	17.8	129.3	(81.9-194.0)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	18	14.4	124.9	(74.0-197.5)
Female	6	5.4	110.5	(40.4-240.6)	Female	14	6.7	207.6	(113.4-348.4)
Colon / Rectum					<u>Ovary</u>				
Male	40	46.8	85.5	(61.1-116.4)					
Female	53	47.7	111.1	(83.2-145.3)	Female	10	13.4	74.6	(35.7-137.2)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	9	9.8	92.0	(42.0-174.6)	Male	9	11.6	77.7	(35.5-147.5)
Female	1	2.8	nc	(nc-nc)	Female	14	12.7	110.5	(60.4-185.5)
Hodgkin Lymphon	<u>na</u>				<u>Prostate</u>				
Male	4	2.9	nc	(nc-nc)	Male	135	140.1	96.3	(80.8-114.0)
Female	3	2.3	nc	(nc-nc)					
Kidney & Renal Pe	<u>elvis</u>				<u>Stomach</u>				
Male	21	19.1	109.8	(67.9-167.8)	Male	14	8.8	159.3	(87.0-267.3)
Female	18	11.4	158.3	(93.8-250.2)	Female	7	5.4	129.7	(52.0-267.3)
<u>Larynx</u>					<u>Testis</u>				
Male	8	5.6	142.4	(61.3-280.6)	Male	6	4.4	134.9	(49.3-293.6)
Female	1	1.6	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	14	12.6	110.8	(60.5-185.8)	Male	2	7.0	nc	(nc-nc)
Female	6	9.9	60.9	(22.2-132.5)	Female	22	21.7	101.4	(63.5-153.5)
Liver and Intrahep					Uteri Corpus and Uteri	us, NOS			
Male	10	9.9	100.7	(48.2-185.1)					
Female	5	3.5	144.7	(46.6-337.7)	Female	29	31.0	93.5	(62.6-134.3)
Lung and Bronchu					All Sites / Types				
Male	85	67.8	125.4	(100.2-155.1)	Male -	524	491.9	106.5	(97.6-116.1)
Female	79	69.2	114.1	(90.3-142.2)	Female	500	481.9	103.8	(94.9-113.3)

<sup>•</sup> Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

<sup>•</sup> Shading indicates the statistical significance of the SIR at 95% level of probability;

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#### Goshen

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Ohe Fxn SIR 95% CI Fxn CID 059/ CI

	<u>Obs</u>	<u>Exp</u>	SIR	<u>95% CI</u>		<u>Obs</u>	Exp	SIR	<u>95% CI</u>
Bladder, Urinary					Melanoma of Skin				
Male	1	1.1	nc	(nc-nc)	Male	2	0.7	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)	Female	0	0.6	nc	(nc-nc)
Brain and Other Ner	vous Syste	<u>em</u>			Multiple Myeloma				
Male	0	0.2	nc	(nc-nc)	Male	1	0.2	nc	(nc-nc)
Female	0	0.2	nc	(nc-nc)	Female	0	0.1	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphoma				
Male	0	0.0	nc	(nc-nc)	Male	0	0.6	nc	(nc-nc)
Female	5	4.1	122.6	(39.5-286.1)	Female	1	0.5	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	0	0.5	nc	(nc-nc)
Female	0	0.2	nc	(nc-nc)	Female	1	0.2	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	0	1.5	nc	(nc-nc)					
Female	1	1.2	nc	(nc-nc)	Female	0	0.4	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	0	0.3	nc	(nc-nc)	Male	0	0.4	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)	Female	0	0.3	nc	(nc-nc)
Hodgkin Lymphoma	<u>l</u>				<u>Prostate</u>				
Male	0	0.1	nc	(nc-nc)	Male	4	4.6	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)					
Kidney & Renal Pelv	<u>ris</u>				<u>Stomach</u>				
Male	2	0.6	nc	(nc-nc)	Male	0	0.3	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)	Female	0	0.1	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	0.2	nc	(nc-nc)	Male	0	0.1	nc	(nc-nc)
Female	0	0.0	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	0	0.4	nc	(nc-nc)	Male	0	0.2	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)	Female	1	0.7	nc	(nc-nc)
Liver and Intrahepat	ic Bile Duc	ets.			Uteri Corpus and Uterus,	NOS			
Male	0	0.3	nc	(nc-nc)					
Female	0	0.1	nc	(nc-nc)	Female	2	0.9	nc	(nc-nc)
Lung and Bronchus					All Sites / Types				
Male	1	2.1	nc	(nc-nc)	Male	12	15.6	76.9	(39.7-134.4)
Female	0	1.7	nc	(nc-nc)	Female	11	13.3	82.6	(41.2-147.9)

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#### Gosnold

			-		illi Standardized incluence Ratios, 20				
	<u>Obs</u>	<u>Exp</u>	SIR	95% CI		<u>Obs</u>	<u>Exp</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	0	0.1	nc	(nc-nc)	Male	0	0.1	nc	(nc-nc)
Female	0	0.0	nc	(nc-nc)	Female	0	0.0	nc	(nc-nc)
<b>Brain and Other Nervous</b>	<u>System</u>				Multiple Myeloma				
Male	0	0.0	nc	(nc-nc)	Male	0	0.0	nc	(nc-nc)
Female	0	0.0	nc	(nc-nc)	Female	0	0.0	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphoma				
Male	0	0.0	nc	(nc-nc)	Male	0	0.1	nc	(nc-nc)
Female	1	0.3	nc	(nc-nc)	Female	0	0.0	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	0	0.1	nc	(nc-nc)
Female	0	0.0	nc	(nc-nc)	Female	0	0.0	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	0	0.2	nc	(nc-nc)					
Female	0	0.1	nc	(nc-nc)	Female	0	0.0	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	0	0.0	nc	(nc-nc)	Male	0	0.0	nc	(nc-nc)
Female	0	0.0	nc	(nc-nc)	Female	0	0.0	nc	(nc-nc)
Hodgkin Lymphoma					<u>Prostate</u>				
Male	0	0.0	nc	(nc-nc)	Male	0	0.6	nc	(nc-nc)
Female	0	0.0	nc	(nc-nc)					
Kidney & Renal Pelvis					Stomach_				
Male	0	0.1	nc	(nc-nc)	Male	0	0.0	nc	(nc-nc)
Female	0	0.0	nc	(nc-nc)	Female	0	0.0	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	0.0	nc	(nc-nc)	Male	0	0.0	nc	(nc-nc)
Female	0	0.0	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	0	0.0	nc	(nc-nc)	Male	0	0.0	nc	(nc-nc)
Female	0	0.0	nc	(nc-nc)	Female	0	0.1	nc	(nc-nc)
Liver and Intrahepatic Bil	e Ducts				Uteri Corpus and Uterus, NOS				
Male	0	0.0	nc	(nc-nc)					
Female	0	0.0	nc	(nc-nc)	Female	0	0.1	nc	(nc-nc)
Lung and Bronchus					All Sites / Types				
Male	0	0.3	nc	(nc-nc)	Male	1	2.0	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)	Female	1	1.0	nc	(nc-nc)

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#### Grafton

	<u>Obs</u>	<u>Exp</u>	SIR	95% CI	man otanida dizoa moldonoo	<u>Obs</u>	<u>Ехр</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	11	15.0	73.2	(36.5-131.0)	Male	10	10.2	98.0	(46.9-180.2)
Female	4	5.6	nc	(nc-nc)	Female	15	8.6	174.3	(97.5-287.5)
Brain and Other Ner	vous Syst	<u>tem</u>			Multiple Myeloma				
Male	3	3.3	nc	(nc-nc)	Male	3	2.5	nc	(nc-nc)
Female	3	2.7	nc	(nc-nc)	Female	1	1.9	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphon	<u>1a</u>			
Male	0	0.4	nc	(nc-nc)	Male	7	8.8	79.1	(31.7-163.1)
Female	63	60.6	103.9	(79.9-133.0)	Female	8	7.4	108.1	(46.5-213.0)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	4	6.3	nc	(nc-nc)
Female	2	2.7	nc	(nc-nc)	Female	2	2.9	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	14	19.7	71.1	(38.9-119.3)					
Female	22	18.9	116.6	(73.0-176.5)	Female	4	5.8	nc	(nc-nc)
Esophagus					<u>Pancreas</u>				
Male	9	4.1	218.5	(99.7-414.7)	Male	7	4.8	145.3	(58.2-299.4)
Female	0	1.1	nc	(nc-nc)	Female	4	4.9	nc	(nc-nc)
Hodgkin Lymphoma					<u>Prostate</u>				
Male	1	1.6	nc	(nc-nc)	Male	63	58.1	108.5	(83.3-138.8)
Female	1	1.3	nc	(nc-nc)					
Kidney & Renal Pelv	<u>is</u>				<u>Stomach</u>				
Male	11	8.3	131.8	(65.7-235.9)	Male	2	3.7	nc	(nc-nc)
Female	10	4.9	205.8	(98.5-378.5)	Female	3	2.1	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	2	2.4	nc	(nc-nc)	Male	2	2.6	nc	(nc-nc)
Female	1	0.7	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	7	5.6	125.5	(50.3-258.7)	Male	6	3.3	179.5	(65.5-390.7)
Female	5	4.2	118.0	(38.0-275.3)	Female	8	11.2	71.3	(30.7-140.6)
Liver and Intrahepat	<u>ic Bile Du</u>	<u>cts</u>			Uteri Corpus and Uteru	s, NOS			
Male	2	4.3	nc	(nc-nc)					
Female	2	1.4	nc	(nc-nc)	Female	14	13.5	103.7	(56.6-173.9)
<b>Lung and Bronchus</b>					All Sites / Types				
Male	27	28.0	96.5	(63.6-140.5)	Male	205	208.8	98.2	(85.2-112.6)
Female	29	28.0	103.7	(69.5-149.0)	Female	211	206.1	102.4	(89.0-117.1)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

### Granby

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs Exp SIR 95% CI Obs SIR 95% CI Exp Bladder, Urinary Melanoma of Skin 4 6.6 3 4.4 Male nc (nc-nc) Male nc (nc-nc) 6 3 3.3 Female 2.2 271.1 (99.0-590.0)Female nc (nc-nc) **Brain and Other Nervous System Multiple Myeloma** 0 Male 1 1.4 nc (nc-nc) Male 1.1 nc (nc-nc) 0 0 0.7 1.0 Female Female (nc-nc) (nc-nc) nc nc **Breast** Non-Hodgkin Lymphoma 0 0.2 Male 2 3.8 (nc-nc) Male nc (nc-nc) nc 139.1 34 24.4 Female 3 2.9 Female (96.3-194.4)(nc-nc) nc **Cervix Uteri** Oral Cavity & Pharynx 2 2.8 Male nc (nc-nc) 1 1 1.2 Female 1.1 Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary Male 8 8.6 93.0 (40.1-183.3)5 Female 7.4 67.9 (21.9-158.4)Female 1 2.3 nc (nc-nc) **Esophagus** Pancreas Pancreas 2 3 2.1 1.8 Male nc (nc-nc) Male nc (nc-nc) 0 0 Female 0.4 (nc-nc) Female 1.9 (nc-nc) nc nc **Prostate** Hodgkin Lymphoma Male 0 0.6 Male 31 26.4 117.3 (79.7-166.5)(nc-nc) nc 0 Female 0.5 nc (nc-nc) Kidney & Renal Pelvis Stomach Male 3 3.6 Male 0 1.6 nc (nc-nc) nc (nc-nc) Female 4 1.9 (nc-nc) Female 2 8.0 nc nc (nc-nc) Larynx **Testis** 2 3 1.1 Male 1.0 Male nc (nc-nc) nc (nc-nc) 0 0.3 Female nc (nc-nc) **Leukemia Thyroid** 1 2.3 Male 2 1.4 Male nc (nc-nc) (nc-nc) nc Female 0 1.6 Female 2 4.3 nc (nc-nc) nc (nc-nc) Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS 2 Male 1.9 nc (nc-nc) 0 7 Female 0.6 (nc-nc) Female 5.6 124.5 (49.9-256.6)nc **Lung and Bronchus** All Sites / Types 16 12.3 129.8 (74.1-210.8)92 91.7 100.3 (80.9-123.1)Male Male

• Obs = observed case count; Exp = expected case count;

11.2

Female

8

- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

(30.6-140.2)

Shading indicates the statistical significance of the SIR at 95% level of probability;

71.1

• nc = The SIR and 95% CI were not calculated when Obs < 5;

Female

79

82.1

96.3

(76.2-120.0)

#### Granville

	Obs	Exp	SIR	95% CI	with Standardized incluence Ka	Obs (105, 2004-200	Ехр	SIR	95% CI
Bladder, Urinary	<u> </u>	LAP	<u>ont</u>	<u>0070 01</u>	Melanoma of Skin	<u> </u>	LAP	<u>Ont</u>	<u>0070 01</u>
Male	1	1.5	nc	(nc-nc)	Male	0	1.1	nc	(nc-nc)
Female	0	0.5	nc	(nc-nc)	Female	0	0.8	nc	(nc-nc)
Brain and Other Ner				(1.0 1.0)	Multiple Myeloma	·	0.0		(
Male	0	0.4	nc	(nc-nc)	Male	0	0.3	nc	(nc-nc)
Female	0	0.2	nc	(nc-nc)	Female	0	0.2	nc	(nc-nc)
Breast	-			(110 110)	Non-Hodgkin Lymphoma	-			(**************************************
Male	0	0.0	nc	(nc-nc)	Male	0	0.9	nc	(nc-nc)
Female	8	6.0	132.9	(57.2-261.9)	Female	1	0.7	nc	(nc-nc)
Cervix Uteri				(	Oral Cavity & Pharynx				( /
					Male	1	0.7	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)	Female	0	0.3	nc	(nc-nc)
Colon / Rectum				,	<u>Ovary</u>				,
Male	2	2.0	nc	(nc-nc)	<del></del>				
Female	4	1.7	nc	(nc-nc)	Female	0	0.6	nc	(nc-nc)
<b>Esophagus</b>				,	<u>Pancreas</u>				,
Male	0	0.4	nc	(nc-nc)	Male	0	0.5	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)	Female	1	0.4	nc	(nc-nc)
Hodgkin Lymphoma	Ĺ				<u>Prostate</u>				. ,
Male	0	0.2	nc	(nc-nc)	Male	7	6.4	109.9	(44.0-226.5)
Female	1	0.1	nc	(nc-nc)					
Kidney & Renal Pelv	<u>ris</u>				<u>Stomach</u>				
Male	0	0.9	nc	(nc-nc)	Male	0	0.4	nc	(nc-nc)
Female	1	0.5	nc	(nc-nc)	Female	0	0.2	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	0.3	nc	(nc-nc)	Male	0	0.3	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	1	0.6	nc	(nc-nc)	Male	1	0.4	nc	(nc-nc)
Female	0	0.4	nc	(nc-nc)	Female	2	1.1	nc	(nc-nc)
Liver and Intrahepat	ic Bile Du	<u>cts</u>			Uteri Corpus and Uterus,	NOS			
Male	0	0.5	nc	(nc-nc)					
Female	0	0.1	nc	(nc-nc)	Female	1	1.3	nc	(nc-nc)
<b>Lung and Bronchus</b>					All Sites / Types				
Male	2	2.9	nc	(nc-nc)	Male	17	22.0	77.2	(44.9-123.6)
Female	1	2.6	nc	(nc-nc)	Female	21	19.6	107.4	(66.5-164.2)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# **Great Barrington**

	Obs	Exp	SIR	95% CI	, with Standardized incluence	Obs	<u>Exp</u>	SIR	95% CI
Bladder, Urinary			_	<u> </u>	Melanoma of Skin				<u></u>
Male	11	10.1	108.4	(54.1-194.0)	Male	13	5.9	218.8	(116.4-374.1)
Female	6	4.2	143.0	(52.2-311.3)	Female	10	4.8	206.6	(98.9-379.9)
Brain and Other Ner	rvous Sys	<u>tem</u>			Multiple Myeloma				
Male	2	1.7	nc	(nc-nc)	Male	0	1.6	nc	(nc-nc)
Female	0	1.5	nc	(nc-nc)	Female	2	1.4	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>na</u>			
Male	0	0.3	nc	(nc-nc)	Male	6	5.3	113.6	(41.5-247.2)
Female	45	36.2	124.4	(90.7-166.5)	Female	5	5.1	98.1	(31.6-228.9)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	2	3.5	nc	(nc-nc)
Female	1	1.3	nc	(nc-nc)	Female	4	1.8	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	20	12.6	159.3	(97.3-246.1)					
Female	17	14.4	117.8	(68.6-188.6)	Female	3	3.6	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	4	2.5	nc	(nc-nc)	Male	3	3.1	nc	(nc-nc)
Female	0	0.8	nc	(nc-nc)	Female	3	3.8	nc	(nc-nc)
Hodgkin Lymphoma	_				<u>Prostate</u>				
Male	0	0.7	nc	(nc-nc)	Male	44	34.6	127.1	(92.3-170.6)
Female	0	0.6	nc	(nc-nc)					
Kidney & Renal Pelv	<u>vis</u>				<u>Stomach</u>				
Male	4	4.8	nc	(nc-nc)	Male	2	2.4	nc	(nc-nc)
Female	1	3.1	nc	(nc-nc)	Female	2	1.7	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	2	1.4	nc	(nc-nc)	Male	1	1.0	nc	(nc-nc)
Female	0	0.4	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	2	3.4	nc	(nc-nc)	Male	1	1.6	nc	(nc-nc)
Female	3	2.8	nc	(nc-nc)	Female	3	5.1	nc	(nc-nc)
Liver and Intrahepat					Uteri Corpus and Uteru	ıs, NOS			
Male	2	2.5	nc	(nc-nc)					
Female	2	1.0	nc	(nc-nc)	Female	7	8.0	87.3	(35.0-179.9)
Lung and Bronchus	=				All Sites / Types				
Male	22	18.0	122.2	(76.5-185.0)	Male	147	127.3	115.5	(97.6-135.8)
Female	24	19.4	123.5	(79.1-183.8)	Female	146	132.7	110.0	(92.9-129.4)

<sup>•</sup> Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

Shading indicates the statistical significance of the SIR at 95% level of probability;

<sup>•</sup> nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Greenfield

	<u>Obs</u>	<u>Exp</u>	SIR	95% CI	The standard area moreones in	<u>Obs</u>	<u>Exp</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	16	22.6	70.7	(40.4-114.8)	Male	4	13.5	nc	(nc-nc)
Female	9	9.4	95.7	(43.7-181.7)	Female	9	11.3	79.8	(36.4-151.5)
Brain and Other Ner	vous Sys	<u>tem</u>			Multiple Myeloma				
Male	3	4.0	nc	(nc-nc)	Male	4	3.5	nc	(nc-nc)
Female	3	3.5	nc	(nc-nc)	Female	0	3.1	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphom	<u>1a</u>			
Male	1	0.6	nc	(nc-nc)	Male	11	11.9	92.2	(46.0-165.0)
Female	99	81.1	122.0	(99.2-148.6)	Female	10	11.5	86.9	(41.6-159.8)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	12	7.9	151.7	(78.3-265.1)
Female	6	3.1	190.9	(69.7-415.5)	Female	2	4.2	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	20	28.0	71.3	(43.6-110.2)					
Female	28	32.7	85.5	(56.8-123.6)	Female	5	8.2	61.3	(19.8-143.1)
Esophagus					<u>Pancreas</u>				
Male	12	5.5	217.1	(112.0-379.2)	Male	8	6.9	115.2	(49.6-227.1)
Female	1	1.8	nc	(nc-nc)	Female	9	8.6	105.1	(48.0-199.5)
Hodgkin Lymphoma	<u>1</u>				<u>Prostate</u>				
Male	3	1.8	nc	(nc-nc)	Male	63	76.1	82.8	(63.6-106.0)
Female	1	1.5	nc	(nc-nc)					
Kidney & Renal Pelv	<u>/is</u>				Stomach Stomach				
Male	8	10.7	74.6	(32.1-147.0)	Male	3	5.4	nc	(nc-nc)
Female	5	6.9	72.8	(23.5-169.8)	Female	4	3.8	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	6	3.1	190.6	(69.6-414.9)	Male	0	2.7	nc	(nc-nc)
Female	0	0.9	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	5	7.7	65.1	(21.0-151.9)	Male	5	3.8	132.2	(42.6-308.5)
Female	4	6.4	nc	(nc-nc)	Female	6	12.2	49.0	(17.9-106.6)
Liver and Intrahepat	tic Bile Du				Uteri Corpus and Uteru	s, NOS			
Male	5	5.5	90.5	(29.2-211.2)					
Female	3	2.3	nc	(nc-nc)	Female	20	17.8	112.1	(68.5-173.2)
Lung and Bronchus	<u>i</u>				All Sites / Types				
Male	55	39.8	138.1	(104.1-179.8)	Male	262	284.0	92.2	(81.4-104.1)
Female	39	42.9	90.8	(64.6-124.2)	Female	281	299.4	93.9	(83.2-105.5)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Groton

					with Standardized incidence				
	<u>Obs</u>	<u>Exp</u>	SIR	<u>95% CI</u>		<u>Obs</u>	<u>Exp</u>	SIR	<u>95% CI</u>
Bladder, Urinary					Melanoma of Skin				
Male	6	7.6	79.1	(28.9-172.1)	Male	5	5.7	87.4	(28.2-204.0)
Female	3	2.6	nc	(nc-nc)	Female	3	4.6	nc	(nc-nc)
Brain and Other Ne	rvous Sys	<u>stem</u>			Multiple Myeloma				
Male	1	2.0	nc	(nc-nc)	Male	0	1.3	nc	(nc-nc)
Female	5	1.5	336.3	(108.4-784.7)	Female	2	0.9	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lympho	<u>ma</u>			
Male	1	0.2	nc	(nc-nc)	Male	3	5.0	nc	(nc-nc)
Female	44	33.4	131.8	(95.7-176.9)	Female	1	3.6	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	3	3.7	nc	(nc-nc)
Female	0	1.6	nc	(nc-nc)	Female	2	1.5	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	13	10.5	123.4	(65.6-211.0)					
Female	10	8.9	112.2	(53.7-206.4)	Female	4	3.0	nc	(nc-nc)
<b>Esophagus</b>					<u>Pancreas</u>				
Male	3	2.2	nc	(nc-nc)	Male	1	2.5	nc	(nc-nc)
Female	0	0.5	nc	(nc-nc)	Female	2	2.3	nc	(nc-nc)
Hodgkin Lymphom	<u>a</u>				<u>Prostate</u>				
Male	0	0.9	nc	(nc-nc)	Male	33	31.0	106.6	(73.3-149.7)
Female	0	0.7	nc	(nc-nc)					
Kidney & Renal Pel	<u>vis</u>				<b>Stomach</b>				
Male	3	4.7	nc	(nc-nc)	Male	0	1.9	nc	(nc-nc)
Female	2	2.5	nc	(nc-nc)	Female	1	1.0	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	1.3	nc	(nc-nc)	Male	5	1.5	330.5	(106.5-771.3)
Female	0	0.3	nc	(nc-nc)					,
<u>Leukemia</u>				, ,	<u>Thyroid</u>				
Male	1	3.1	nc	(nc-nc)	Male	1	2.0	nc	(nc-nc)
Female	1	2.2	nc	(nc-nc)	Female	12	6.6	182.2	(94.0-318.2)
Liver and Intrahepa	tic Bile D			,	Uteri Corpus and Uter				,
Male	3	2.5	nc	(nc-nc)					
Female	1	0.7	nc	(nc-nc)	Female	10	7.2	139.1	(66.6-255.9)
Lung and Bronchus				,	All Sites / Types				, -,
Male	9	14.3	63.0	(28.7-119.5)	Male	101	112.4	89.8	(73.2-109.1)
Female	15	13.1	114.6	(64.1-189.1)	Female	131	106.3	123.3	(103.1-146.3)
	-	-	-	( /		-			(

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Groveland

	<u>Obs</u>	<u>Exp</u>	SIR	95% CI		<u>Obs</u>	Exp	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	4	6.0	nc	(nc-nc)	Male	3	4.2	nc	(nc-nc)
Female	1	2.0	nc	(nc-nc)	Female	5	3.2	154.0	(49.6-359.4)
Brain and Other Ner	vous Syst	<u>em</u>			Multiple Myeloma				
Male	0	1.4	nc	(nc-nc)	Male	0	1.0	nc	(nc-nc)
Female	0	1.0	nc	(nc-nc)	Female	4	0.7	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphoma				
Male	0	0.2	nc	(nc-nc)	Male	2	3.6	nc	(nc-nc)
Female	23	23.9	96.3	(61.0-144.4)	Female	3	2.7	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	1	2.7	nc	(nc-nc)
Female	2	1.1	nc	(nc-nc)	Female	2	1.1	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	4	8.0	nc	(nc-nc)					
Female	4	6.9	nc	(nc-nc)	Female	3	2.2	nc	(nc-nc)
<b>Esophagus</b>					<u>Pancreas</u>				
Male	4	1.7	nc	(nc-nc)	Male	1	2.0	nc	(nc-nc)
Female	0	0.4	nc	(nc-nc)	Female	4	1.8	nc	(nc-nc)
Hodgkin Lymphoma	<u>l</u>				<u>Prostate</u>				
Male	0	0.6	nc	(nc-nc)	Male	23	24.5	93.9	(59.5-140.9)
Female	0	0.5	nc	(nc-nc)					
Kidney & Renal Pelv	<u>ris</u>				<u>Stomach</u>				
Male	3	3.5	nc	(nc-nc)	Male	1	1.5	nc	(nc-nc)
Female	1	1.9	nc	(nc-nc)	Female	0	8.0	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	1	1.0	nc	(nc-nc)	Male	3	0.9	nc	(nc-nc)
Female	1	0.3	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	4	2.3	nc	(nc-nc)	Male	2	1.4	nc	(nc-nc)
Female	1	1.6	nc	(nc-nc)	Female	6	4.3	138.4	(50.5-301.2)
Liver and Intrahepat	ic Bile Du	<u>cts</u>			Uteri Corpus and Uterus, I	NOS			
Male	0	1.8	nc	(nc-nc)					
Female	0	0.5	nc	(nc-nc)	Female	8	5.3	151.4	(65.2-298.3)
Lung and Bronchus					All Sites / Types				
Male	16	11.4	139.8	(79.8-227.0)	Male	83	85.8	96.7	(77.1-119.9)
Female	13	10.4	124.9	(66.4-213.6)	Female	85	78.4	108.4	(86.6-134.0)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

**Hadley** 

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs Exp SIR 95% CI Obs SIR 95% CI Exp Bladder, Urinary Melanoma of Skin 6 7.5 80.0 (29.2-174.0)3 4.3 Male Male nc (nc-nc) 2 3 Female 2.8 nc (nc-nc) Female 3.3 nc (nc-nc) **Brain and Other Nervous System Multiple Myeloma** 2 Male 1.2 nc (nc-nc) Male 1 1.1 nc (nc-nc) 3 0.9 1.0 Female 1 Female (nc-nc) (nc-nc) nc nc **Breast** Non-Hodgkin Lymphoma 0 0.2 (nc-nc) Male 3 3.8 (nc-nc) Male nc nc 23 24.3 94.6 Female 4 3.4 Female (60.0-142.0)(nc-nc) nc **Cervix Uteri** Oral Cavity & Pharynx 1 2.5 Male nc (nc-nc) 0 0.9 3 1.2 Female Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary Male 15 9.1 165.1 (92.3-272.3)(28.8-148.2)5 2.4 205.9 Female 7 9.7 71.9 Female (66.4-480.6)**Esophagus** Pancreas Pancreas 1 3 2.3 1.8 Male nc (nc-nc) Male nc (nc-nc) 5 2.6 Female 1 0.5 (nc-nc) Female 195.1 (62.9-455.4)nc Hodgkin Lymphoma **Prostate** Male 0 0.5 Male 28 24.5 114.4 (76.0-165.3)(nc-nc) nc Female 1 0.4 nc (nc-nc) Kidney & Renal Pelvis Stomach Male 3 3.4 Male 1 1.8 nc (nc-nc) nc (nc-nc) Female 3 2.1 (nc-nc) Female 0 1.1 nc nc (nc-nc) Larynx **Testis** 1 1.0 0 0.7 Male Male nc (nc-nc) nc (nc-nc) 1 Female 0.3 nc (nc-nc) **Leukemia Thyroid** 2 2.4 Male 0 1.1 Male nc (nc-nc) (nc-nc) nc Female 2 1.9 Female 5 3.5 143.3 (46.2 - 334.5)nc (nc-nc) Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS Male 1.8 nc (nc-nc) 5 Female 1 0.7 nc (nc-nc) Female 5.4 93.1 (30.0-217.2)**Lung and Bronchus** All Sites / Types 5 13.2 38.0 (12.2-88.6)84 91.4 91.9 (73.3-113.7)Male Male Female 15 13.0 115.1 (64.4-189.9)Female 101 89.3 113.1 (92.1-137.5)

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- nc = The SIR and 95% CI were not calculated when Obs < 5;

Halifax

	Obs	Exp	SIR	95% CI	with Standardized incluence	Obs	<u>Exp</u>	SIR	95% CI
Bladder, Urinary		<u></u>		<u></u>	Melanoma of Skin				
Male	9	8.4	106.7	(48.7-202.7)	Male	5	5.4	91.9	(29.6-214.5)
Female	1	3.1	nc	(nc-nc)	Female	3	4.3	nc	(nc-nc)
Brain and Other Ne	rvous Sys	tem_			Multiple Myeloma				
Male	1	1.7	nc	(nc-nc)	Male	2	1.4	nc	(nc-nc)
Female	1	1.4	nc	(nc-nc)	Female	0	1.0	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>na</u>			
Male	0	0.2	nc	(nc-nc)	Male	11	4.7	233.2	(116.3-417.3)
Female	27	32.2	83.9	(55.3-122.1)	Female	7	4.0	175.1	(70.1-360.7)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	6	3.4	178.0	(65.0-387.5)
Female	0	1.3	nc	(nc-nc)	Female	1	1.5	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	9	10.8	83.4	(38.1-158.4)					
Female	11	10.2	107.5	(53.6-192.4)	Female	4	3.1	nc	(nc-nc)
Esophagus Page 1					<u>Pancreas</u>				
Male	1	2.3	nc	(nc-nc)	Male	0	2.7	nc	(nc-nc)
Female	0	0.6	nc	(nc-nc)	Female	0	2.7	nc	(nc-nc)
Hodgkin Lymphoma	<u>a</u>				<u>Prostate</u>				
Male	1	0.7	nc	(nc-nc)	Male	25	32.6	76.7	(49.6-113.2)
Female	0	0.6	nc	(nc-nc)					
Kidney & Renal Pel					<u>Stomach</u>				
Male	10	4.5	224.1	(107.3-412.1)	Male	2	2.0	nc	(nc-nc)
Female	2	2.6	nc	(nc-nc)	Female	2	1.1	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	1.3	nc	(nc-nc)	Male	2	1.2	nc	(nc-nc)
Female	2	0.4	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	2	3.0	nc	(nc-nc)	Male	2	1.7	nc	(nc-nc)
Female	4	2.2	nc	(nc-nc)	Female	7	5.4	129.4	(51.8-266.7)
Liver and Intrahepa					Uteri Corpus and Uteru	ıs, NOS			
Male	3	2.3	nc	(nc-nc)					
Female	0	8.0	nc	(nc-nc)	Female	5	7.3	68.4	(22.0-159.6)
Lung and Bronchus	='				All Sites / Types				
Male	14	15.6	89.7	(49.0-150.6)	Male -	112	114.4	97.9	(80.6-117.8)
Female	20	15.7	127.8	(78.0-197.4)	Female	111	110.1	100.8	(82.9-121.4)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

## Hamilton

	<u>Obs</u>	Exp	SIR	95% CI		<u>Obs</u>	Ехр	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	13	7.9	164.8	(87.7-281.8)	Male	12	5.3	226.1	(116.7-395.0)
Female	0	2.5	nc	(nc-nc)	Female	3	4.0	nc	(nc-nc)
Brain and Other Ner	vous Sys	<u>tem</u>			Multiple Myeloma				
Male	4	1.7	nc	(nc-nc)	Male	3	1.3	nc	(nc-nc)
Female	1	1.3	nc	(nc-nc)	Female	0	0.8	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphon	<u>1a</u>			
Male	0	0.2	nc	(nc-nc)	Male	5	4.6	108.5	(35.0-253.2)
Female	36	28.9	124.7	(87.3-172.6)	Female	6	3.3	179.8	(65.7-391.5)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	3	3.3	nc	(nc-nc)
Female	0	1.3	nc	(nc-nc)	Female	0	1.3	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	16	10.3	155.5	(88.8-252.6)					
Female	10	8.4	119.7	(57.3-220.1)	Female	7	2.7	258.2	(103.5-532.1)
<b>Esophagus</b>					<u>Pancreas</u>				
Male	2	2.1	nc	(nc-nc)	Male	1	2.5	nc	(nc-nc)
Female	0	0.5	nc	(nc-nc)	Female	4	2.2	nc	(nc-nc)
Hodgkin Lymphoma	<u>1</u>				<u>Prostate</u>				
Male	1	8.0	nc	(nc-nc)	Male	37	30.3	122.1	(85.9-168.3)
Female	0	0.6	nc	(nc-nc)					
Kidney & Renal Pelv	<u>/is</u>				Stomach .				
Male	0	4.3	nc	(nc-nc)	Male	1	1.9	nc	(nc-nc)
Female	6	2.3	266.1	(97.2-579.2)	Female	0	0.9	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	1.2	nc	(nc-nc)	Male	1	1.3	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	5	2.9	171.9	(55.4-401.2)	Male	1	1.7	nc	(nc-nc)
Female	2	1.9	nc	(nc-nc)	Female	6	5.4	110.5	(40.3-240.5)
Liver and Intrahepat	tic Bile Du	<u>icts</u>			Uteri Corpus and Uteru	s, NOS			
Male	3	2.2	nc	(nc-nc)					
Female	0	0.6	nc	(nc-nc)	Female	8	6.4	125.4	(54.0-247.0)
Lung and Bronchus					All Sites / Types				
Male	9	14.6	61.5	(28.1-116.8)	Male	127	108.9	116.6	(97.2-138.7)
Female	8	12.7	63.1	(27.1-124.2)	Female	104	95.5	108.9	(89.0-131.9)

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- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hampden

	<u>Obs</u>	Exp	SIR	95% CI		<u>Obs</u>	Exp	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	6	6.0	100.3	(36.6-218.3)	Male	4	4.0	nc	(nc-nc)
Female	1	2.2	nc	(nc-nc)	Female	3	3.0	nc	(nc-nc)
Brain and Other Ner	vous Syst	<u>em</u>			Multiple Myeloma				
Male	1	1.2	nc	(nc-nc)	Male	0	1.0	nc	(nc-nc)
Female	0	0.9	nc	(nc-nc)	Female	1	0.7	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphoma				
Male	0	0.2	nc	(nc-nc)	Male	2	3.4	nc	(nc-nc)
Female	28	22.8	123.0	(81.7-177.7)	Female	4	2.8	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	4	2.6	nc	(nc-nc)
Female	1	0.9	nc	(nc-nc)	Female	1	1.1	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	8	7.8	102.6	(44.2-202.1)					
Female	9	7.5	120.4	(54.9-228.6)	Female	1	2.2	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	0	1.7	nc	(nc-nc)	Male	0	1.9	nc	(nc-nc)
Female	0	0.4	nc	(nc-nc)	Female	0	1.9	nc	(nc-nc)
Hodgkin Lymphoma	•				<u>Prostate</u>				
Male	0	0.5	nc	(nc-nc)	Male	27	24.2	111.5	(73.5-162.2)
Female	0	0.4	nc	(nc-nc)					
Kidney & Renal Pelv					<u>Stomach</u>				
Male	4	3.3	nc	(nc-nc)	Male	1	1.5	nc	(nc-nc)
Female	3	1.8	nc	(nc-nc)	Female	1	0.8	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	1.0	nc	(nc-nc)	Male	1	0.7	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	2	2.1	nc	(nc-nc)	Male	1	1.2	nc	(nc-nc)
Female	0	1.6	nc	(nc-nc)	Female	4	3.7	nc	(nc-nc)
Liver and Intrahepat					Uteri Corpus and Uterus,	<u>NOS</u>			
Male	2	1.7	nc	(nc-nc)					
Female	0	0.5	nc	(nc-nc)	Female	8	5.1	155.4	(66.9-306.1)
Lung and Bronchus					All Sites / Types				
Male	7	11.2	62.6	(25.1-128.9)	Male	72	83.2	86.6	(67.7-109.0)
Female	12	10.6	113.6	(58.6-198.5)	Female	81	77.4	104.7	(83.1-130.1)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Hancock

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs SIR 95% CI 0bs SIR 95% CI Exp Exp **Bladder, Urinary** Melanoma of Skin 2 0 8.0 Male 1.2 nc (nc-nc) nc (nc-nc) 0 Female 0.4 nc (nc-nc) Female 0 0.6 nc (nc-nc) **Brain and Other Nervous System Multiple Myeloma** 0.2 0 0.2 Male 0 nc (nc-nc) Male nc (nc-nc) 0 Female 0.2 Female 1 0.1 (nc-nc) nc (nc-nc) nc Non-Hodgkin Lymphoma **Breast** Male 0 0.0 Male 0 0.7 (nc-nc) nc (nc-nc) nc 0 Female 0 Female 4.2 nc (nc-nc) 0.5 (nc-nc) nc **Cervix Uteri** Oral Cavity & Pharynx 0 0.5 Male nc (nc-nc) 1 0.2 0 0.2 Female Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary 3 1.6 Male (nc-nc) nc Female 1 1.3 Female 1 0.4 nc (nc-nc) nc (nc-nc) **Esophagus** <u>Pancreas</u> 0 0 0.4 0.3 Male nc (nc-nc) Male nc (nc-nc) 0 Female 0.1 Female 1 0.3 (nc-nc) nc (nc-nc) nc **Hodgkin Lymphoma Prostate** 2 Male 0 0.1 5.1 Male nc (nc-nc) nc (nc-nc) 0 Female 0.1 nc (nc-nc) Kidney & Renal Pelvis Stomach Male 0 0.7 Male 0 0.3 nc (nc-nc) nc (nc-nc) Female 0 0.3 Female 1 0.1 nc (nc-nc) nc (nc-nc) Larynx **Testis** 0 1 0.2 0.2 Male Male nc (nc-nc) nc (nc-nc) 0 0.0 Female nc (nc-nc) **Leukemia Thyroid** Male 0 0.4 0 0.2 nc (nc-nc) Male nc (nc-nc) Female 0 0.3 Female 0 0.7 nc (nc-nc) nc (nc-nc) **Uteri Corpus and Uterus, NOS** Liver and Intrahepatic Bile Ducts Male 0 0.4 nc (nc-nc) Female 0 0.1 (nc-nc) Female 1 1.0 (nc-nc) nc nc **Lung and Bronchus** All Sites / Types Male 0 2.3 Male 10 17.3 (27.7-106.2)57.8 nc (nc-nc) Female 0 2.0 nc (nc-nc) Female 7 14.2 49.3 (19.8-101.6)

- Obs = observed case count; Exp = expected case count;
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- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Hanover

	<u>Obs</u>	Exp	SIR	95% CI	, mai Gtandaraizoa moidono	Obs Obs	<u>Exp</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	20	12.4	161.8	(98.8-250.0)	Male	11	8.7	126.0	(62.8-225.5)
Female	7	5.0	140.1	(56.1-288.7)	Female	9	7.4	122.3	(55.8-232.2)
Brain and Other Ner	vous Syst	<u>tem</u>			Multiple Myeloma				
Male	2	2.8	nc	(nc-nc)	Male	1	2.1	nc	(nc-nc)
Female	4	2.4	nc	(nc-nc)	Female	0	1.7	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>ma</u>			
Male	0	0.4	nc	(nc-nc)	Male	11	7.5	146.6	(73.1-262.4)
Female	46	55.1	83.5	(61.2-111.4)	Female	7	6.6	106.3	(42.6-218.9)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	1	5.7	nc	(nc-nc)
Female	2	2.3	nc	(nc-nc)	Female	0	2.6	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	19	16.7	114.1	(68.7-178.2)					
Female	23	16.8	136.8	(86.7-205.2)	Female	11	5.2	210.8	(105.1-377.2)
Esophagus					<u>Pancreas</u>				
Male	4	3.6	nc	(nc-nc)	Male	2	4.1	nc	(nc-nc)
Female	2	1.0	nc	(nc-nc)	Female	9	4.4	204.1	(93.1-387.5)
Hodgkin Lymphoma	<u>l</u>				<u>Prostate</u>				
Male	0	1.3	nc	(nc-nc)	Male	56	52.3	107.1	(80.9-139.1)
Female	0	1.0	nc	(nc-nc)					
Kidney & Renal Pelv	<u>ris</u>				<b>Stomach</b>				
Male	9	7.3	123.5	(56.3-234.4)	Male	4	3.0	nc	(nc-nc)
Female	5	4.4	114.4	(36.9-267.0)	Female	0	1.8	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	2.1	nc	(nc-nc)	Male	1	2.0	nc	(nc-nc)
Female	1	0.6	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	4	4.7	nc	(nc-nc)	Male	2	2.9	nc	(nc-nc)
Female	5	3.7	134.6	(43.4-314.2)	Female	15	9.4	159.6	(89.3-263.3)
Liver and Intrahepat	ic Bile Du	<u>cts</u>			Uteri Corpus and Uteru	ıs, NOS			
Male	1	3.8	nc	(nc-nc)					
Female	1	1.3	nc	(nc-nc)	Female	10	12.4	80.4	(38.5-147.9)
<b>Lung and Bronchus</b>					All Sites / Types				
Male	20	23.5	85.1	(52.0-131.5)	Male	181	179.8	100.6	(86.5-116.4)
Female	23	25.2	91.3	(57.8-136.9)	Female	195	184.3	105.8	(91.5-121.8)

<sup>•</sup> Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

Shading indicates the statistical significance of the SIR at 95% level of probability;

<sup>•</sup> nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Hanson

	Obs	Exp	SIR	95% CI	with Standardized incidence	Obs	<u>Exp</u>	SIR	95% CI
Bladder, Urinary	<u> </u>	LAP	<u>Ont</u>	<u>5070 51</u>	Melanoma of Skin	<u> </u>	LAP	<u> </u>	<u>0070 01</u>
Male	10	8.3	120.8	(57.9-222.2)	Male	5	6.0	83.4	(26.9-194.6)
Female	5	2.9	172.5	(55.6-402.5)	Female	6	4.8	124.1	(45.3-270.1)
Brain and Other Ner				(00:0 :02:0)	Multiple Myeloma	· ·			(1010 = 1011)
Male	1	2.0	nc	(nc-nc)	Male	4	1.4	nc	(nc-nc)
Female	2	1.5	nc	(nc-nc)	Female	1	1.0	nc	(nc-nc)
Breast	_		•	()	Non-Hodgkin Lymphor				()
Male	0	0.2	nc	(nc-nc)	Male	2	5.1	nc	(nc-nc)
Female	45	35.2	127.9	(93.2-171.1)	Female	7	4.0	175.8	(70.4-362.2)
Cervix Uteri				,	Oral Cavity & Pharynx				( ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
					Male	3	4.0	nc	(nc-nc)
Female	1	1.6	nc	(nc-nc)	Female	4	1.6	nc	(nc-nc)
Colon / Rectum				,	<u>Ovary</u>				,
Male	24	11.2	214.0	(137.0-318.4)	<del></del>				
Female	11	9.8	112.1	(55.9-200.6)	Female	4	3.3	nc	(nc-nc)
<u>Esophagus</u>				,	<u>Pancreas</u>				, ,
Male	2	2.5	nc	(nc-nc)	Male	2	2.7	nc	(nc-nc)
Female	0	0.6	nc	(nc-nc)	Female	1	2.5	nc	(nc-nc)
Hodgkin Lymphoma	<u>a</u>				<u>Prostate</u>				, ,
Male	1	0.9	nc	(nc-nc)	Male	43	36.0	119.5	(86.5-161.0)
Female	0	0.7	nc	(nc-nc)					
Kidney & Renal Pelv	<u>vis</u>				<b>Stomach</b>				
Male	6	5.0	119.7	(43.7-260.5)	Male	3	2.1	nc	(nc-nc)
Female	6	2.7	220.7	(80.6-480.5)	Female	0	1.1	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	1	1.4	nc	(nc-nc)	Male	4	1.5	nc	(nc-nc)
Female	0	0.4	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	4	3.2	nc	(nc-nc)	Male	4	2.0	nc	(nc-nc)
Female	2	2.3	nc	(nc-nc)	Female	15	6.6	228.9	(128.0-377.6)
Liver and Intrahepat	tic Bile Du	<u>ucts</u>			Uteri Corpus and Uteru	us, NOS			
Male	1	2.6	nc	(nc-nc)					
Female	2	0.8	nc	(nc-nc)	Female	14	8.0	175.4	(95.8-294.4)
Lung and Bronchus	<u> </u>				All Sites / Types				
Male	20	15.9	125.6	(76.7-194.0)	Male	146	122.9	118.8	(100.3-139.7)
Female	20	15.0	133.1	(81.3-205.6)	Female	153	114.7	133.4	(113.1-156.3)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### **Hardwick**

	Obs	Exp	SIR	95% CI	with Standardized incluence Ka	Obs (105, 2004-200	<u>Ехр</u>	SIR	95% CI
Bladder, Urinary	003	LAP	OIIX	<u>33 /0 OI</u>	Melanoma of Skin	003	LAP	OIIX	<u>33 / 0 01</u>
Male	4	2.8	nc	(nc-nc)	Male	1	1.8	nc	(nc-nc)
Female	1	1.0	nc	(nc-nc)	Female	0	1.4	nc	(nc-nc)
Brain and Other Ner			110	(no no)	Multiple Myeloma	Ū	1.4	110	(no no)
Male	0	0.6	nc	(nc-nc)	Male	1	0.5	nc	(nc-nc)
Female	0	0.5	nc	(nc-nc)	Female	0	0.3	nc	(nc-nc)
Breast	O	0.0	110	(no no)	Non-Hodgkin Lymphoma	U	0.0	110	(no no)
Male	0	0.1	nc	(nc-nc)	Male	2	1.6	nc	(nc-nc)
Female	15	10.3	145.8	(81.5-240.5)	Female	0	1.3	nc	(nc-nc)
Cervix Uteri	10	10.0	140.0	(01.0 240.0)	Oral Cavity & Pharynx	Ū	1.0	110	(no no)
OCIVIX OLCII					Male	0	1.1	nc	(nc-nc)
Female	0	0.4	nc	(nc-nc)	Female	0	0.5	nc	(nc-nc)
Colon / Rectum	Ŭ	0.1	110	(110 110)	<u>Ovary</u>	Ŭ	0.0	110	(110 110)
Male	6	3.6	166.0	(60.6-361.3)	<u>Ovary</u>				
Female	2	3.5	nc	(nc-nc)	Female	0	1.0	nc	(nc-nc)
Esophagus	-	0.0	110	(110 110)	<u>Pancreas</u>	v	1.0	110	(110 110)
Male	1	0.8	nc	(nc-nc)	<u>r unoredo</u> Male	4	0.9	nc	(nc-nc)
Female	0	0.2	nc	(nc-nc)	Female	1	0.9	nc	(nc-nc)
Hodgkin Lymphoma		0.2	110	(110 110)	Prostate Prostate		0.0	110	(110 110)
Male	1	0.3	nc	(nc-nc)	Male	12	10.7	111.9	(57.7-195.4)
Female	0	0.2	nc	(nc-nc)	Walc	12	10.7	111.5	(07.7 100.4)
Kidney & Renal Pelv		0.2	110	(110 110)	Stomach				
Male	<u></u> 0	1.5	nc	(nc-nc)	Male	1	0.7	nc	(nc-nc)
Female	0	0.8	nc	(nc-nc)	Female	0	0.4	nc	(nc-nc)
<u>Larynx</u>	v	0.0	110	(110 110)	<u>Testis</u>	v	0.1	110	(110 110)
Male	1	0.4	nc	(nc-nc)	<u>r oo no</u> Male	0	0.4	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)	Walo	Ŭ	0.1	110	(110 110)
<u>Leukemia</u>	·	• • • • • • • • • • • • • • • • • • • •	•	()	<u>Thyroid</u>				
Male	0	1.0	nc	(nc-nc)	Male	1	0.6	nc	(nc-nc)
Female	3	0.8	nc	(nc-nc)	Female	1	1.7	nc	(nc-nc)
Liver and Intrahepati				()	Uteri Corpus and Uterus,				(
Male	0	0.8	nc	(nc-nc)	<u></u>	<u></u>			
Female	0	0.3	nc	(nc-nc)	Female	3	2.3	nc	(nc-nc)
Lung and Bronchus	·	•		()	All Sites / Types	•			()
Male	7	5.2	134.4	(53.9-277.0)	Male	46	38.1	120.6	(88.3-160.8)
Female	5	5.1	97.8	(31.5-228.1)	Female	36	36.1	99.8	(69.9-138.1)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### **Harvard**

	<u>Obs</u>	Ехр	SIR	95% CI		<u>Obs</u>	Exp	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	6	5.5	109.0	(39.8-237.2)	Male	10	4.4	229.3	(109.8-421.8)
Female	0	1.5	nc	(nc-nc)	Female	3	2.6	nc	(nc-nc)
Brain and Other Ner	vous Sys	<u>tem</u>			Multiple Myeloma				
Male	3	1.4	nc	(nc-nc)	Male	1	1.0	nc	(nc-nc)
Female	1	0.8	nc	(nc-nc)	Female	1	0.5	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphoma				
Male	0	0.2	nc	(nc-nc)	Male	2	3.7	nc	(nc-nc)
Female	19	20.5	92.8	(55.9-145.0)	Female	3	2.1	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	0	3.0	nc	(nc-nc)
Female	1	0.9	nc	(nc-nc)	Female	1	0.9	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	7	7.9	88.2	(35.3-181.8)					
Female	8	5.2	154.0	(66.3-303.4)	Female	2	1.9	nc	(nc-nc)
<b>Esophagus</b>					<u>Pancreas</u>				
Male	3	1.7	nc	(nc-nc)	Male	3	1.9	nc	(nc-nc)
Female	1	0.3	nc	(nc-nc)	Female	0	1.3	nc	(nc-nc)
Hodgkin Lymphoma	<u>l</u>				<u>Prostate</u>				
Male	1	0.7	nc	(nc-nc)	Male	29	24.6	117.8	(78.9-169.2)
Female	0	0.3	nc	(nc-nc)					
Kidney & Renal Pelv	<u>ris</u>				<u>Stomach</u>				
Male	1	3.6	nc	(nc-nc)	Male	1	1.4	nc	(nc-nc)
Female	1	1.5	nc	(nc-nc)	Female	1	0.5	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	1	1.0	nc	(nc-nc)	Male	0	1.2	nc	(nc-nc)
Female	0	0.2	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	3	2.2	nc	(nc-nc)	Male	1	1.6	nc	(nc-nc)
Female	2	1.2	nc	(nc-nc)	Female	2	3.7	nc	(nc-nc)
Liver and Intrahepat	ic Bile Du	<u>icts</u>			Uteri Corpus and Uterus,	NOS			
Male	2	1.9	nc	(nc-nc)					
Female	0	0.4	nc	(nc-nc)	Female	7	4.6	150.6	(60.3-310.3)
Lung and Bronchus					All Sites / Types				
Male	6	10.6	56.9	(20.8-123.8)	Male	88	85.5	102.9	(82.5-126.8)
Female	4	7.8	nc	(nc-nc)	Female	59	63.2	93.3	(71.0-120.4)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Harwich

	<u>Obs</u>	Exp	SIR	95% CI		Obs	<u>Exp</u>	SIR	<u>95% CI</u>
Bladder, Urinary					Melanoma of Skin				
Male	41	27.0	151.8	(108.9-206.0)	Male	30	14.0	214.0	(144.4-305.6)
Female	8	10.3	77.7	(33.5-153.1)	Female	28	10.3	273.0	(181.3-394.5)
Brain and Other Ner	vous Sys	<u>tem</u>			Multiple Myeloma				
Male	3	3.8	nc	(nc-nc)	Male	4	3.9	nc	(nc-nc)
Female	6	3.3	182.4	(66.6-397.1)	Female	1	3.3	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>na</u>			
Male	1	0.7	nc	(nc-nc)	Male	15	12.6	118.9	(66.5-196.2)
Female	88	79.0	111.4	(89.3-137.2)	Female	11	12.0	91.8	(45.7-164.2)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	9	7.7	117.5	(53.6-223.1)
Female	0	2.6	nc	(nc-nc)	Female	4	4.2	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	26	31.5	82.6	(54.0-121.1)					
Female	39	34.3	113.6	(80.8-155.3)	Female	8	8.1	98.8	(42.6-194.8)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	4	6.1	nc	(nc-nc)	Male	7	8.0	87.6	(35.1-180.5)
Female	0	2.0	nc	(nc-nc)	Female	14	9.3	150.8	(82.4-253.0)
Hodgkin Lymphoma	<u>1</u>				<u>Prostate</u>				
Male	0	1.3	nc	(nc-nc)	Male	111	84.3	131.6	(108.3-158.5)
Female	2	1.1	nc	(nc-nc)					
Kidney & Renal Pelv	<u>/is</u>				<u>Stomach</u>				
Male	8	11.2	71.6	(30.8-141.1)	Male	4	6.2	nc	(nc-nc)
Female	7	7.2	97.3	(39.0-200.5)	Female	4	4.0	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	4	3.4	nc	(nc-nc)	Male	5	1.5	336.9	(108.6-786.2)
Female	3	1.0	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	8	8.2	97.4	(41.9-191.9)	Male	2	3.2	nc	(nc-nc)
Female	4	6.5	nc	(nc-nc)	Female	2	9.6	nc	(nc-nc)
Liver and Intrahepar	tic Bile Du				Uteri Corpus and Uteru	ıs, NOS			
Male	7	5.6	125.0	(50.1-257.7)					
Female	2	2.4	nc	(nc-nc)	Female	22	17.8	123.8	(77.5-187.4)
Lung and Bronchus	_				All Sites / Types				
Male	44	47.1	93.4	(67.9-125.4)	Male	367	312.9	117.3	(105.6-129.9)
Female	38	48.1	79.0	(55.9-108.5)	Female	317	303.2	104.6	(93.4-116.7)

<sup>•</sup> Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

<sup>•</sup> Shading indicates the statistical significance of the SIR at 95% level of probability;

<sup>•</sup> nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Hatfield

	<u>Obs</u>	<u>Exp</u>	SIR	95% CI	The standard and the standard	<u>Obs</u>	<u>Ехр</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	1	4.5	nc	(nc-nc)	Male	3	2.8	nc	(nc-nc)
Female	0	1.6	nc	(nc-nc)	Female	2	2.1	nc	(nc-nc)
Brain and Other Ner	vous Syst	<u>tem</u>			Multiple Myeloma				
Male	0	8.0	nc	(nc-nc)	Male	1	0.7	nc	(nc-nc)
Female	1	0.6	nc	(nc-nc)	Female	0	0.5	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphoma				
Male	0	0.1	nc	(nc-nc)	Male	3	2.5	nc	(nc-nc)
Female	25	15.8	158.6	(102.6-234.1)	Female	1	2.0	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	1	1.8	nc	(nc-nc)
Female	0	0.6	nc	(nc-nc)	Female	2	0.8	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	8	5.8	138.5	(59.6-272.9)					
Female	8	5.5	146.5	(63.1-288.6)	Female	1	1.5	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	2	1.2	nc	(nc-nc)	Male	0	1.4	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)	Female	2	1.5	nc	(nc-nc)
Hodgkin Lymphoma	1				<u>Prostate</u>				
Male	2	0.3	nc	(nc-nc)	Male	19	17.4	109.4	(65.8-170.8)
Female	1	0.3	nc	(nc-nc)					
Kidney & Renal Pelv	<u>ris</u>				Stomach				
Male	4	2.4	nc	(nc-nc)	Male	0	1.1	nc	(nc-nc)
Female	1	1.3	nc	(nc-nc)	Female	2	0.6	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	2	0.7	nc	(nc-nc)	Male	1	0.5	nc	(nc-nc)
Female	0	0.2	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	0	1.5	nc	(nc-nc)	Male	0	0.8	nc	(nc-nc)
Female	1	1.1	nc	(nc-nc)	Female	5	2.4	206.5	(66.5-481.8)
Liver and Intrahepat	ic Bile Du				Uteri Corpus and Uterus,	<u>NOS</u>			
Male	0	1.2	nc	(nc-nc)					
Female	0	0.4	nc	(nc-nc)	Female	3	3.6	nc	(nc-nc)
Lung and Bronchus					All Sites / Types				
Male	6	8.4	71.3	(26.1-155.3)	Male	60	60.6	99.1	(75.6-127.5)
Female	6	8.0	75.2	(27.4-163.6)	Female	62	55.1	112.6	(86.3-144.3)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Haverhill

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs 95% CI Obs Exp SIR 95% CI Exp SIR Bladder, Urinary Melanoma of Skin 62 58.0 107.0 (82.0-137.1)39 37.1 105.2 (74.8-143.8)Male 25 Female 23.9 104.4 (67.6-154.2)Female 30 32.4 92.5 (62.4-132.0)**Brain and Other Nervous System Multiple Myeloma** 14 118.2 6 9.2 65.1 Male 11.8 (64.5-198.3)Male (23.8-141.6)9 5 10.4 86.5 (39.5-164.1)Female 64.0 (20.6-149.4)Female 7.8 Non-Hodgkin Lymphoma **Breast** 3 1.6 22 32.6 67.5 (42.3-102.2)Male nc (nc-nc) Male 199 228.6 87.1 Female 30.4 102.1 Female (75.4-100.0)31 (69.3-144.9)**Cervix Uteri Oral Cavity & Pharynx** 22 22.1 99.6 Male (62.4-150.9)7 9.8 71.5 12 105.8 Female (28.6-147.3)Female 11.3 (54.6-184.7)Colon / Rectum Ovary Male 89 73.6 121.0 (97.1-148.9)98.9 22.5 120.2 Female 81 81.9 (78.5-122.9)Female 27 (79.2-174.9) **Esophagus Pancreas** 127.8 21 19 14.9 (76.9-199.6)18.1 115.9 (71.7-177.2)Male Male 8 Female 21.5 Female 4.6 172.8 (74.4 - 340.5)18 83.8 (49.6-132.5) Hodgkin Lymphoma **Prostate** 5 5.6 89.6 (28.9-209.1)201 206.9 97.2 Male Male (84.2-111.6) 4 Female 4.6 nc (nc-nc) Kidney & Renal Pelvis Stomach Male 29 29.7 97.6 (65.4-140.2)Male 13 13.9 93.3 (49.6-159.6)Female 18 19.0 94.9 (56.2-149.9)Female 7 9.3 75.0 (30.1-154.6)Larynx **Testis** 9.1 7 8.5 82.3 15 164.8 Male (33.0-169.6)Male (92.2-271.8)5 2.6 194.9 Female (62.8-454.8)**Leukemia Thyroid** (41.8-160.6) 22 21.1 104.2 10 87.3 Male (65.2-157.7)Male 11.5 Female 17 17.5 97.0 (56.5-155.3)Female 29 39.1 74.2 (49.7-106.5)Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS Male 15 15.1 99.4 (55.6-164.0)8 Female 5.9 135.5 (58.4-267.1)Female 60 50.4 119.1 (90.9-153.3)**Lung and Bronchus** All Sites / Types Male 121 104.4 115.9 798 765.2 104.3 (97.2-111.8)(96.2-138.5)Male Female 121 114.2 106.0 (87.9-126.6) Female 777 815.2 95.3 (88.7-102.3)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

## **Hawley**

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 0bs Obs SIR 95% CI SIR 95% CI Exp Exp **Bladder, Urinary** Melanoma of Skin 0 0.6 0 0.4 Male nc (nc-nc) Male nc (nc-nc) Female 0 0.1 0 nc (nc-nc) Female 0.2 nc (nc-nc) **Brain and Other Nervous System Multiple Myeloma** 0 0 Male 0.1 nc (nc-nc) Male 0.1 nc (nc-nc) 0 0 Female 0.1 0.0 (nc-nc) Female (nc-nc) nc nc **Breast** Non-Hodgkin Lymphoma Male 0 0.0 Male 0 0.3 (nc-nc) nc (nc-nc) nc 1 0.2 Female 1 1.5 nc (nc-nc) Female nc (nc-nc) **Cervix Uteri** Oral Cavity & Pharynx 0 0.2 Male nc (nc-nc) 0 0.1 0 0.1 Female Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary 1 0.7 Male (nc-nc) nc 0 0 Female 0.5 Female 0.1 nc (nc-nc) nc (nc-nc) **Esophagus** Pancreas Pancreas 0 0.2 0 0.2 Male nc (nc-nc) Male nc (nc-nc) 0 0.0 0 Female (nc-nc) Female 0.1 nc (nc-nc) nc **Hodgkin Lymphoma Prostate** 0 0.0 Male 1 2.4 Male nc (nc-nc) nc (nc-nc) 0 0.0 Female nc (nc-nc) Kidney & Renal Pelvis Stomach Male 0 0.3 Male 0 0.1 nc (nc-nc) nc (nc-nc) Female 0 0.1 Female 0 0.1 nc (nc-nc) nc (nc-nc) Larynx **Testis** 0 0 0.1 0.0 Male Male nc (nc-nc) nc (nc-nc) 0 0.0 Female nc (nc-nc) **Leukemia Thyroid** 0 0.2 Male 0 0.1 Male (nc-nc) nc (nc-nc) nc Female 0 0.1 Female 0 0.2 (nc-nc) nc (nc-nc) nc Uteri Corpus and Uterus, NOS **Liver and Intrahepatic Bile Ducts** Male 1 0.2 nc (nc-nc) 0 0.0 Female (nc-nc) Female 1 0.4 nc (nc-nc) nc **Lung and Bronchus** All Sites / Types 0 1.1 3 7.8 Male Male (nc-nc) nc (nc-nc) nc

Obs = observed case count; Exp = expected case count;

0.7

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

0

Female

• 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

nc

(nc-nc)

- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

Female

3

5.1

nc

(nc-nc)

Heath

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs SIR 95% CI Obs SIR 95% CI Exp Exp **Bladder, Urinary** Melanoma of Skin 0 0.9 1 0.6 Male nc (nc-nc) Male nc (nc-nc) 0 Female 0.2 nc (nc-nc) Female 0 0.4 nc (nc-nc) **Brain and Other Nervous System Multiple Myeloma** 0.2 0 0.2 Male 0 nc (nc-nc) Male nc (nc-nc) 0 0 Female 0.1 Female 0.1 (nc-nc) (nc-nc) nc nc Non-Hodgkin Lymphoma **Breast** 0 Male 0.0 Male 1 0.5 (nc-nc) nc (nc-nc) nc 3 Female 0 0.3 Female 3.0 nc (nc-nc) nc (nc-nc) Oral Cavity & Pharynx **Cervix Uteri** 0 0.4 Male nc (nc-nc) 0 0 0.1 Female 0.1 Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary 0 1.2 Male (nc-nc) nc 0 Female 1 8.0 Female 0.3 nc (nc-nc) nc (nc-nc) **Esophagus** <u>Pancreas</u> 0 1 0.3 0.3 Male nc (nc-nc) Male nc (nc-nc) 0 0 Female 0.0 Female 0.2 (nc-nc) nc (nc-nc) nc **Hodgkin Lymphoma Prostate** Male 1 0.1 1 3.9 Male (nc-nc) nc (nc-nc) nc 0 Female 0.1 nc (nc-nc) Kidney & Renal Pelvis Stomach Male 0 0.5 Male 1 0.2 nc (nc-nc) nc (nc-nc) Female 1 0.2 Female 0 0.1 nc (nc-nc) nc (nc-nc) Larynx **Testis** 0 0 0.2 0.1 Male Male nc (nc-nc) nc (nc-nc) 0 0.0 Female nc (nc-nc) **Leukemia Thyroid** Male 0 0.3 0 0.2 nc (nc-nc) Male nc (nc-nc) Female 0 0.2 Female 0 0.5 nc (nc-nc) nc (nc-nc) **Uteri Corpus and Uterus, NOS** Liver and Intrahepatic Bile Ducts Male 0 0.3 nc (nc-nc) Female 0 0.1 (nc-nc) Female 1 0.7 (nc-nc) nc nc **Lung and Bronchus** All Sites / Types Male 0 Male 9 13.0 69.3 (31.6-131.5)1.7 nc (nc-nc) Female 0 1.2 nc (nc-nc) Female 8 9.6 83.1 (35.8-163.7)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Hingham

	Obs	Exp	SIR	95% CI	with Standardized incluence	Obs	-2000 <u>Exp</u>	SIR	95% CI
Bladder, Urinary	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Melanoma of Skin	<u> </u>	<u> </u>	<u> </u>	<u>0070 01</u>
Male	10	24.5	40.8	(19.5-75.0)	Male	35	15.8	222.2	(154.7-309.0)
Female	15	9.8	153.1	(85.6-252.5)	Female	19	12.8	148.2	(89.2-231.5)
Brain and Other Ner				(**** ===***)	Multiple Myeloma				(00:2 20:10)
Male	2	4.8	nc	(nc-nc)	Male	3	4.0	nc	(nc-nc)
Female	3	4.1	nc	(nc-nc)	Female	2	3.2	nc	(nc-nc)
Breast				(,	Non-Hodgkin Lymphon				(,
Male	0	0.7	nc	(nc-nc)	Male	13	13.6	95.4	(50.7-163.1)
Female	102	98.3	103.7	(84.6-125.9)	Female	17	12.4	137.0	(79.8-219.4)
Cervix Uteri				,	Oral Cavity & Pharynx				,
					Male	5	10.1	49.7	(16.0-115.9)
Female	0	3.8	nc	(nc-nc)	Female	7	4.7	147.7	(59.2-304.3)
Colon / Rectum				, ,	Ovary				
Male	33	31.5	104.6	(72.0-146.9)	<del></del>				
Female	39	33.0	118.0	(83.9-161.4)	Female	6	9.5	63.1	(23.0-137.4)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	8	6.8	118.3	(50.9-233.1)	Male	9	7.9	114.6	(52.3-217.6)
Female	1	1.9	nc	(nc-nc)	Female	10	8.7	114.6	(54.9-210.8)
Hodgkin Lymphoma	<u>l</u>				<u>Prostate</u>				
Male	1	1.9	nc	(nc-nc)	Male	99	97.7	101.3	(82.4-123.4)
Female	2	1.5	nc	(nc-nc)					
Kidney & Renal Pelv	<u>ris</u>				<b>Stomach</b>				
Male	9	13.2	68.3	(31.2-129.6)	Male	3	5.9	nc	(nc-nc)
Female	10	8.0	124.6	(59.6-229.1)	Female	2	3.7	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	1	3.9	nc	(nc-nc)	Male	5	2.7	183.7	(59.2-428.7)
Female	1	1.1	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	9	8.6	104.9	(47.9-199.2)	Male	6	4.7	127.0	(46.4-276.4)
Female	7	6.9	101.5	(40.7-209.1)	Female	20	15.2	131.2	(80.1-202.7)
Liver and Intrahepat	ic Bile Du	<u>icts</u>			Uteri Corpus and Uteru	s, NOS			
Male	5	6.9	72.5	(23.4-169.1)					
Female	1	2.4	nc	(nc-nc)	Female	19	22.4	84.7	(51.0-132.2)
<b>Lung and Bronchus</b>					All Sites / Types				
Male	35	45.8	76.3	(53.2-106.2)	Male	311	335.6	92.7	(82.6-103.6)
Female	48	48.0	99.9	(73.7-132.5)	Female	354	339.0	104.4	(93.8-115.9)

<sup>•</sup> Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

Shading indicates the statistical significance of the SIR at 95% level of probability;

<sup>•</sup> nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Hinsdale

	<u>Obs</u>	Exp	SIR	95% CI	The standard Load Holdon of The	<u>Obs</u>	<u>Ехр</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	1	1.8	nc	(nc-nc)	Male	4	1.3	nc	(nc-nc)
Female	0	0.6	nc	(nc-nc)	Female	3	0.9	nc	(nc-nc)
Brain and Other Nerv	ous Syst	<u>em</u>			Multiple Myeloma				
Male	1	0.4	nc	(nc-nc)	Male	0	0.3	nc	(nc-nc)
Female	2	0.3	nc	(nc-nc)	Female	0	0.2	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphoma				
Male	0	0.1	nc	(nc-nc)	Male	0	1.1	nc	(nc-nc)
Female	12	6.8	177.3	(91.5-309.7)	Female	4	0.8	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	2	0.8	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)	Female	0	0.3	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	1	2.4	nc	(nc-nc)					
Female	3	2.0	nc	(nc-nc)	Female	1	0.6	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	0	0.5	nc	(nc-nc)	Male	0	0.6	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)	Female	0	0.5	nc	(nc-nc)
Hodgkin Lymphoma					<u>Prostate</u>				
Male	1	0.2	nc	(nc-nc)	Male	9	7.8	115.5	(52.7-219.2)
Female	0	0.1	nc	(nc-nc)					
Kidney & Renal Pelvi	<u>is</u>				<u>Stomach</u>				
Male	3	1.1	nc	(nc-nc)	Male	0	0.4	nc	(nc-nc)
Female	0	0.5	nc	(nc-nc)	Female	0	0.2	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	1	0.3	nc	(nc-nc)	Male	2	0.3	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	0	0.7	nc	(nc-nc)	Male	0	0.4	nc	(nc-nc)
Female	1	0.4	nc	(nc-nc)	Female	2	1.2	nc	(nc-nc)
Liver and Intrahepati	c Bile Du				Uteri Corpus and Uterus,	<u>NOS</u>			
Male	1	0.5	nc	(nc-nc)					
Female	0	0.2	nc	(nc-nc)	Female	4	1.5	nc	(nc-nc)
Lung and Bronchus					All Sites / Types				
Male	5	3.6	140.8	(45.4-328.6)	Male	33	26.4	124.8	(85.9-175.2)
Female	6	3.1	192.2	(70.2-418.3)	Female	38	22.6	167.8	(118.7-230.3)

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- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Holbrook

	<u>Obs</u>	Exp	SIR	95% CI	Ganaara.200 molaonoo	Obs.	<u>Exp</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	13	13.1	99.5	(52.9-170.1)	Male	7	8.1	86.4	(34.6-178.0)
Female	7	4.7	147.6	(59.1-304.1)	Female	12	6.2	194.3	(100.3-339.4)
Brain and Other Ner	vous Sys	tem_			Multiple Myeloma				
Male	6	2.5	244.2	(89.2-531.6)	Male	2	2.1	nc	(nc-nc)
Female	1	2.0	nc	(nc-nc)	Female	0	1.5	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lympho	<u>ma</u>			
Male	0	0.4	nc	(nc-nc)	Male	8	7.0	113.7	(49.0-224.0)
Female	53	46.3	114.4	(85.7-149.6)	Female	3	6.0	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	6	4.9	123.0	(44.9-267.7)
Female	2	1.8	nc	(nc-nc)	Female	5	2.3	220.5	(71.0-514.5)
Colon / Rectum					<u>Ovary</u>				
Male	16	16.4	97.7	(55.8-158.7)					
Female	17	15.4	110.3	(64.2-176.7)	Female	3	4.5	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	9	3.4	263.4	(120.2-500.0)	Male	3	4.1	nc	(nc-nc)
Female	3	0.9	nc	(nc-nc)	Female	5	4.2	119.8	(38.6-279.5)
Hodgkin Lymphoma	<u>1</u>				<u>Prostate</u>				
Male	2	1.0	nc	(nc-nc)	Male	41	49.2	83.4	(59.8-113.1)
Female	1	0.8	nc	(nc-nc)					
Kidney & Renal Pel					<u>Stomach</u>				
Male	8	6.6	120.6	(51.9-237.6)	Male	5	3.1	161.0	(51.9-375.6)
Female	2	3.9	nc	(nc-nc)	Female	2	1.7	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	4	2.0	nc	(nc-nc)	Male	1	1.6	nc	(nc-nc)
Female	1	0.6	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	2	4.5	nc	(nc-nc)	Male	5	2.4	209.8	(67.6-489.6)
Female	2	3.3	nc	(nc-nc)	Female	5	7.4	67.3	(21.7-157.1)
Liver and Intrahepar					Uteri Corpus and Uteri	us, NOS			
Male	2	3.4	nc	(nc-nc)					
Female	1	1.1	nc	(nc-nc)	Female	11	10.6	103.5	(51.6-185.2)
Lung and Bronchus					All Sites / Types				
Male	27	24.3	111.3	(73.3-162.0)	Male	180	172.9	104.1	(89.5-120.5)
Female	34	24.0	141.4	(97.9-197.6)	Female	179	162.2	110.4	(94.8-127.8)

<sup>•</sup> Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

Shading indicates the statistical significance of the SIR at 95% level of probability;

<sup>•</sup> nc = The SIR and 95% CI were not calculated when Obs < 5;

Holden

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs 95% CI Obs Exp SIR 95% CI Exp SIR Bladder, Urinary Melanoma of Skin 16 19.1 83.8 (47.8-136.0)12 97.9 (50.5-171.1) Male Male 12.3 5 9 Female 6.9 72.7 (23.4-169.6)Female 9.4 96.1 (43.8-182.4)**Brain and Other Nervous System Multiple Myeloma** 5 161.4 Male 4 3.7 nc (nc-nc) Male 3.1 (52.0-376.6)5 Female 3.0 168.9 (54.4 - 394.2)Female 1 2.3 nc (nc-nc) Non-Hodgkin Lymphoma **Breast** 2 Male 0.5 Male 8 10.7 75.0 (32.3-147.8)nc (nc-nc) 59 70.3 84.0 Female Female (63.9-108.3)10 8.8 113.3 (54.2-208.4)**Cervix Uteri Oral Cavity & Pharynx** 129.1 Male 10 7.7 (61.8-237.4)0 2.8 3 3.4 Female Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary Male 13 24.6 52.7 (28.1-90.2)20 148.2 Female 23.4 85.3 (52.1-131.8)Female 10 6.7 (71.0-272.6)**Esophagus** <u>Pancreas</u> 3 5.2 6.1 11 180.8 (90.1 - 323.5)Male nc (nc-nc) Male 2 Female 5 6.2 Female 1.3 (nc-nc) 81.3 (26.2-189.7)nc Hodgkin Lymphoma **Prostate** 2 Male 1.5 79 73.2 108.0 (nc-nc) Male (85.5-134.6) nc 1.2 Female 1 nc (nc-nc) Kidney & Renal Pelvis Stomach Male 12 10.2 118.1 (61.0-206.4)Male 2 4.6 nc (nc-nc) Female 2 5.7 Female 1 2.6 nc (nc-nc) nc (nc-nc) Larynx **Testis** 3 3.0 6 2.2 269.8 Male Male (98.5-587.3)nc (nc-nc) 0 8.0 Female nc (nc-nc) **Leukemia Thyroid** 8 6.7 118.9 (51.2-234.4)7 3.7 189.7 Male Male (76.0-391.0)Female 4 4.9 Female 15 11.4 132.0 (73.8-217.8)nc (nc-nc) Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS Male 7 5.3 132.0 (52.9-272.0)2 Female 1.7 (nc-nc) Female 10 15.7 63.7 (30.5-117.1)nc **Lung and Bronchus** All Sites / Types Male 27 35.2 76.8 (50.6-111.7)249 258.0 96.5 (84.9-109.3) Male Female 23 33.6 68.4 (43.3-102.6)Female 211 241.3 87.4 (76.0-100.1)

- Obs = observed case count; Exp = expected case count;
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- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
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- nc = The SIR and 95% CI were not calculated when Obs < 5;</li>

#### Holland

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs SIR 95% CI Obs Exp SIR 95% CI Exp **Bladder, Urinary** Melanoma of Skin 1 2.2 Male nc (nc-nc) Male 1 1.6 nc (nc-nc) Female 3 Female 0 0.6 nc (nc-nc) 1.1 nc (nc-nc) **Brain and Other Nervous System** Multiple Myeloma 0 0.5 0 0.4 Male nc (nc-nc) Male nc (nc-nc) 0 0 0.3 Female 0.2 Female (nc-nc) (nc-nc) nc nc Non-Hodgkin Lymphoma **Breast** 0 Male 0.1 (nc-nc) Male 1 1.4 (nc-nc) nc nc 3 Female 0.9 Female 8.1 nc (nc-nc) 1 nc (nc-nc) **Cervix Uteri** Oral Cavity & Pharynx 2 Male 1.1 nc (nc-nc) Female 1 0.4 2 0.4 Female (nc-nc) nc (nc-nc) nc Colon / Rectum Ovary Male 4 3.0 (nc-nc) nc 2 Female 2.1 Female 1 0.7 nc (nc-nc) nc (nc-nc) **Pancreas Esophagus** 0 1 0.6 Male 0.7 Male nc (nc-nc) nc (nc-nc) 0 Female 0 0.5 Female 0.1 (nc-nc) nc (nc-nc) nc **Hodgkin Lymphoma Prostate** Male 0 0.2 Male 10 9.1 109.4 (52.4-201.2) (nc-nc) nc 0 0.2 Female nc (nc-nc) Kidney & Renal Pelvis Stomach Male 1 1.3 Male 0 0.6 nc (nc-nc) nc (nc-nc) Female 1 0.6 (nc-nc) Female 0 0.2 nc nc (nc-nc) Larynx **Testis** 1 0.4 0.4 Male Male 1 nc (nc-nc) nc (nc-nc) Female 0 0.1 nc (nc-nc) **Leukemia Thyroid** Male 1 0.9 Male 0.6 nc (nc-nc) 1 nc (nc-nc) Female 0 0.5 Female 0 1.6 (nc-nc) nc (nc-nc) nc Uteri Corpus and Uterus, NOS Liver and Intrahepatic Bile Ducts Male 0 0.7 nc (nc-nc) 0 0.2 2 Female (nc-nc) Female 1.8 (nc-nc) nc nc **Lung and Bronchus** All Sites / Types Male 4 4.2 Male 29 32.4 89.4 (59.9-128.4)nc (nc-nc) Female 2 3.2 nc (nc-nc) Female 23 25.7 89.4 (56.6-134.1)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

## **Holliston**

	<u>Obs</u>	<u>Exp</u>	SIR	95% CI	, mai otanda dizoa molacilo	Obs	<u>Exp</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	12	11.6	103.0	(53.2-180.0)	Male	9	8.5	105.5	(48.1-200.3)
Female	8	4.1	196.0	(84.4-386.1)	Female	7	6.8	102.8	(41.2-211.8)
<b>Brain and Other Ner</b>	vous Sys	<u>tem</u>			Multiple Myeloma				
Male	2	2.8	nc	(nc-nc)	Male	4	2.0	nc	(nc-nc)
Female	5	2.2	231.6	(74.6-540.6)	Female	1	1.4	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>na</u>			
Male	0	0.3	nc	(nc-nc)	Male	5	7.3	68.6	(22.1-160.0)
Female	49	51.3	95.6	(70.7-126.4)	Female	9	5.6	160.7	(73.3-305.0)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	7	5.7	122.8	(49.2-252.9)
Female	3	2.3	nc	(nc-nc)	Female	1	2.3	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	18	16.0	112.2	(66.5-177.4)					
Female	12	13.8	86.9	(44.9-151.9)	Female	6	4.7	127.0	(46.4-276.4)
<b>Esophagus</b>					<u>Pancreas</u>				
Male	2	3.5	nc	(nc-nc)	Male	6	3.9	154.5	(56.4-336.3)
Female	0	0.8	nc	(nc-nc)	Female	7	3.6	195.6	(78.4-403.0)
Hodgkin Lymphoma	1				<u>Prostate</u>				
Male	0	1.2	nc	(nc-nc)	Male	69	50.8	135.9	(105.7-172.0)
Female	1	0.9	nc	(nc-nc)					
Kidney & Renal Pelv	<u>ris</u>				<u>Stomach</u>				
Male	7	7.2	97.5	(39.0-200.8)	Male	4	2.9	nc	(nc-nc)
Female	3	3.9	nc	(nc-nc)	Female	2	1.5	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	2	2.0	nc	(nc-nc)	Male	2	1.9	nc	(nc-nc)
Female	0	0.6	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	6	4.5	132.9	(48.5-289.3)	Male	4	2.9	nc	(nc-nc)
Female	2	3.2	nc	(nc-nc)	Female	14	9.4	149.5	(81.7-250.9)
Liver and Intrahepat	ic Bile Du				Uteri Corpus and Uteru	ıs, NOS			
Male	4	3.8	nc	(nc-nc)					
Female	3	1.1	nc	(nc-nc)	Female	11	11.5	95.5	(47.6-170.9)
Lung and Bronchus					All Sites / Types				
Male	20	22.4	89.2	(54.4-137.7)	Male	199	173.9	114.4	(99.1-131.5)
Female	16	21.2	75.4	(43.1-122.4)	Female	172	163.9	105.0	(89.9-121.9)

<sup>•</sup> Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

<sup>•</sup> Shading indicates the statistical significance of the SIR at 95% level of probability;

<sup>•</sup> nc = The SIR and 95% CI were not calculated when Obs < 5;

## Holyoke

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs 95% CI Obs Exp SIR 95% CI Exp SIR Bladder, Urinary Melanoma of Skin 92.1 50.2 40 43.4 (65.8-125.4)13 25.9 (26.7-85.8)Male 17 94.4 Female 18.0 (55.0-151.2)Female 20 22.5 89.0 (54.3-137.4)**Brain and Other Nervous System Multiple Myeloma** 5 61.3 6 6.7 89.8 Male 8.2 (19.8-143.1)Male (32.8-195.4)5 5 7.4 67.7 Female 5.8 86.3 Female (21.8-158.0)(27.8-201.5)Non-Hodgkin Lymphoma **Breast** 0 1.2 25 23.2 107.9 (69.8-159.3)Male nc (nc-nc) Male 149 157.8 94.5 Female 22 22.2 98.9 Female (79.9-110.9)(61.9-149.7)**Cervix Uteri Oral Cavity & Pharynx** 21 139.9 Male 15.0 (86.6-213.9)9 6.5 139.3 14 8.1 172.4 Female (63.6-264.5)Female (94.2-289.3)Colon / Rectum Ovary Male 51 53.5 95.3 (71.0-125.4)12 Female 66 61.9 106.6 (82.4-135.6)Female 15.9 75.6 (39.0-132.0)**Esophagus Pancreas** 12 10.6 112.7 (58.2-196.9)18 13.3 135.3 (80.1-213.8)Male Male 3 Female Female 3.5 nc (nc-nc) 13 16.3 79.8 (42.5-136.5)Hodgkin Lymphoma **Prostate** 3 3.7 136 147.7 92.0 Male nc (nc-nc) Male (77.2-108.9)1 3.2 Female nc (nc-nc) Kidney & Renal Pelvis Stomach Male 14 20.7 67.7 (37.0-113.6)Male 9 10.2 87.9 (40.1-166.9)Female 17 13.4 126.5 (73.6-202.5)Female 6 7.2 83.4 (30.5-181.6)Larynx **Testis** 8 6.1 131.9 4 5.6 Male (56.8-259.9)Male nc (nc-nc) 1 Female 1.8 nc (nc-nc) **Leukemia Thyroid** 14 91.4 (49.9-153.4)6 7.4 81.3 (29.7-177.0)Male 15.3 Male Female 11 12.9 85.0 (42.4-152.1)Female 14 25.4 55.0 (30.1-92.3)Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS Male 12 10.5 114.4 (59.1-199.9)Female 4 4.4 nc (nc-nc) Female 40 34.8 114.9 (82.1-156.5)**Lung and Bronchus** All Sites / Types 71 77.2 92.0 (71.8-116.0)506 549.8 92.0 (84.2-100.4)Male Male Female 93 83.3 111.7 (90.1-136.8)Female 551 582.7 94.6 (86.8-102.8)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;</li>

# Hopedale Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008

Obs Exp SIR 95% CI Obs SIR 95% CI Exp Bladder, Urinary Melanoma of Skin 12 7.2 167.8 (86.6-293.1)5 (36.7-265.6)Male Male 4.4 113.8 3 Female 1 2.8 nc (nc-nc) Female 3.6 nc (nc-nc) **Brain and Other Nervous System Multiple Myeloma** 0 0 Male 1.4 nc (nc-nc) Male 1.1 nc (nc-nc) 0 0 0.9 1.1 Female Female (nc-nc) (nc-nc) nc nc **Breast** Non-Hodgkin Lymphoma 1 0.2 Male 2 3.9 (nc-nc) Male nc (nc-nc) nc 22 26.3 83.6 Female 4 3.5 Female (52.4-126.6)(nc-nc) nc **Cervix Uteri** Oral Cavity & Pharynx 4 2.6 Male nc (nc-nc) 0 0 1.3 Female 1.1 Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary 7 Male 9.0 77.9 (31.2-160.6)14 Female 9.5 147.5 (80.6-247.5)Female 1 2.6 nc (nc-nc) **Esophagus** Pancreas Pancreas 2 1 2.2 1.8 Male nc (nc-nc) Male nc (nc-nc) 0 1 2.5 Female 0.5 (nc-nc) Female (nc-nc) nc nc **Prostate** Hodgkin Lymphoma 3 Male 0.6 Male 27 24.3 111.0 (73.1-161.5) (nc-nc) nc Female 1 0.5 nc (nc-nc) Kidney & Renal Pelvis Stomach Male 6 3.5 169.9 (62.0-369.8)Male 0 1.7 nc (nc-nc) Female 1 2.2 Female 0 1.1 nc (nc-nc) nc (nc-nc)

**Testis** 

**Thyroid** 

All Sites / Types

(nc-nc)

(nc-nc)

(nc-nc)

(nc-nc)

(nc-nc)

(nc-nc)

(22.0-113.0)

(41.8-150.0)

0

1

5

4

87

77

Male

Male

Female

Female

Male

Female

Uteri Corpus and Uterus, NOS

0.9

1.3

4.3

5.7

91.4

93.1

nc

nc

nc

95.2

82.7

117.2

(nc-nc)

(nc-nc)

(nc-nc)

(76.2-117.4)

(65.2-103.3)

(37.8-273.4)

• Obs = observed case count; Exp = expected case count;

0

0

3

2

0

7

11

1.0

0.3

2.5

2.0

1.8

0.7

12.8

13.1

Larynx

**Leukemia** 

Male

Male

Male

Male

Female

Female

**Lung and Bronchus** 

Liver and Intrahepatic Bile Ducts

Female

Female

- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;

nc

nc

nc

nc

nc

nc

54.8

83.8

• nc = The SIR and 95% CI were not calculated when Obs < 5;

### **Hopkinton**

	<u>Obs</u>	Exp	SIR	95% CI		<u>Obs</u>	Ехр	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	8	9.4	85.5	(36.8-168.4)	Male	8	7.3	109.2	(47.0-215.3)
Female	3	3.5	nc	(nc-nc)	Female	7	6.3	112.0	(44.9-230.7)
Brain and Other Ne	rvous Sys	<u>tem</u>			Multiple Myeloma				
Male	1	2.6	nc	(nc-nc)	Male	1	1.7	nc	(nc-nc)
Female	5	2.0	248.8	(80.2-580.6)	Female	3	1.2	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>na</u>			
Male	0	0.3	nc	(nc-nc)	Male	7	6.3	110.6	(44.3-228.0)
Female	61	44.3	137.8	(105.4-177.0)	Female	4	4.8	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	2	4.8	nc	(nc-nc)
Female	1	2.2	nc	(nc-nc)	Female	1	2.0	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	14	13.3	105.3	(57.5-176.7)					
Female	13	12.3	105.9	(56.3-181.0)	Female	4	4.0	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	1	2.8	nc	(nc-nc)	Male	4	3.1	nc	(nc-nc)
Female	1	0.7	nc	(nc-nc)	Female	4	3.1	nc	(nc-nc)
Hodgkin Lymphoma	<u>a</u>				<u>Prostate</u>				
Male	2	1.2	nc	(nc-nc)	Male	44	38.6	114.0	(82.8-153.0)
Female	2	0.9	nc	(nc-nc)					
Kidney & Renal Pel	<u>vis</u>				<u>Stomach</u>				
Male	5	6.1	82.3	(26.5-192.0)	Male	1	2.4	nc	(nc-nc)
Female	0	3.3	nc	(nc-nc)	Female	0	1.3	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	3	1.6	nc	(nc-nc)	Male	4	2.1	nc	(nc-nc)
Female	0	0.4	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	3	4.0	nc	(nc-nc)	Male	2	2.7	nc	(nc-nc)
Female	2	3.0	nc	(nc-nc)	Female	17	8.9	191.5	(111.5-306.6)
Liver and Intrahepa	tic Bile Du	<u>ıcts</u>			Uteri Corpus and Uteru	ıs, NOS			
Male	3	3.1	nc	(nc-nc)					
Female	0	0.9	nc	(nc-nc)	Female	10	9.2	108.2	(51.8-199.0)
Lung and Bronchus	<u>s</u>				All Sites / Types				
Male	8	17.7	45.3	(19.5-89.2)	Male	126	141.7	88.9	(74.1-105.9)
Female	17	17.3	98.1	(57.1-157.0)	Female	164	142.2	115.3	(98.4-134.4)

<sup>•</sup> Obs = observed case count; Exp = expected case count;

<sup>•</sup> SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

<sup>•</sup> Shading indicates the statistical significance of the SIR at 95% level of probability;

<sup>•</sup> nc = The SIR and 95% CI were not calculated when Obs < 5;

### **Hubbardston**

	Obs	<u>Exp</u>	SIR	95% CI	illi Standardized ilicidence Kat	Obs	о <u>Ехр</u>	SIR	95% CI
Bladder, Urinary	<u></u>	<u> </u>	<u> </u>	<u>3377 31</u>	Melanoma of Skin	<u> </u>	<u> </u>	<u> </u>	<u>3072 G.</u>
Male	6	2.9	208.6	(76.2-454.0)	Male	1	2.3	nc	(nc-nc)
Female	1	1.0	nc	(nc-nc)	Female	1	1.9	nc	(nc-nc)
Brain and Other Ner				()	Multiple Myeloma	•			()
Male	0	0.8	nc	(nc-nc)	Male	1	0.5	nc	(nc-nc)
Female	1	0.6	nc	(nc-nc)	Female	1	0.3	nc	(nc-nc)
<u>Breast</u>				( )	Non-Hodgkin Lymphoma				( )
Male	0	0.1	nc	(nc-nc)	Male	0	2.0	nc	(nc-nc)
Female	22	12.9	170.0	(106.5-257.4)	Female	2	1.4	nc	(nc-nc)
Cervix Uteri				,	Oral Cavity & Pharynx				,
					Male	0	1.5	nc	(nc-nc)
Female	0	0.7	nc	(nc-nc)	Female	0	0.6	nc	(nc-nc)
Colon / Rectum					Ovary				
Male	5	4.1	121.3	(39.1-283.1)	<del></del>				
Female	5	3.4	147.6	(47.6-344.5)	Female	0	1.2	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	0	0.9	nc	(nc-nc)	Male	1	1.0	nc	(nc-nc)
Female	0	0.2	nc	(nc-nc)	Female	0	0.9	nc	(nc-nc)
Hodgkin Lymphoma	<u>1</u>				<u>Prostate</u>				
Male	1	0.4	nc	(nc-nc)	Male	15	12.6	118.7	(66.4-195.7)
Female	1	0.3	nc	(nc-nc)					
Kidney & Renal Pelv	<u>/is</u>				Stomach .				
Male	3	1.9	nc	(nc-nc)	Male	3	0.7	nc	(nc-nc)
Female	0	0.9	nc	(nc-nc)	Female	1	0.4	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	0.5	nc	(nc-nc)	Male	1	0.7	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	0	1.2	nc	(nc-nc)	Male	2	0.9	nc	(nc-nc)
Female	0	8.0	nc	(nc-nc)	Female	3	2.7	nc	(nc-nc)
Liver and Intrahepat	tic Bile Du	<u>icts</u>			Uteri Corpus and Uterus,	NOS			
Male	0	1.0	nc	(nc-nc)					
Female	0	0.3	nc	(nc-nc)	Female	3	2.7	nc	(nc-nc)
Lung and Bronchus	<u>i</u>				All Sites / Types				
Male	10	5.6	179.1	(85.7-329.4)	Male	56	44.9	124.8	(94.3-162.1)
Female	4	4.9	nc	(nc-nc)	Female	50	41.0	121.9	(90.5-160.7)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

#### Hudson

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 0bs Exp 95% CI Obs SIR 95% CI SIR Exp Bladder, Urinary Melanoma of Skin 9 18.7 48.0 (21.9-91.2)9 12.7 Male Male 71.0 (32.4-134.9)7 7.1 98.9 8 Female (39.6-203.8)Female 10.1 79.3 (34.1-156.2)**Brain and Other Nervous System Multiple Myeloma** 3 2 Male 4.0 nc (nc-nc) Male 3.1 nc (nc-nc) 2 2.3 Female 1 3.2 Female (nc-nc) (nc-nc) nc nc Non-Hodgkin Lymphoma **Breast** 0 0.5 Male 6 10.9 54.9 (20.1-119.5)Male nc (nc-nc) 79 74.2 12 130.8 Female 106.4 (84.3-132.7)Female 9.2 (67.5-228.4)**Cervix Uteri Oral Cavity & Pharynx** 6 8.0 Male 75.3 (27.5-164.0)4 3.1 3 3.5 Female Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary 23 24.5 94.0 (59.5-141.0)Male 28 8 Female 23.4 119.5 (79.4-172.8)Female 7.1 112.3 (48.4-221.3)**Esophagus** <u>Pancreas</u> 5.2 10 4 6.0 165.6 (79.3-304.6)Male nc (nc-nc) Male 6 Female 1 1.4 (nc-nc) Female 6.2 96.4 (35.2-209.9)nc Hodgkin Lymphoma **Prostate** 0 1.8 Male 73 75.0 97.3 (76.3-122.4) Male nc (nc-nc) 0 Female 1.4 nc (nc-nc) Kidney & Renal Pelvis **Stomach** Male 10 10.5 95.6 (45.8-175.8)Male 2 4.6 nc (nc-nc) Female 7 6.1 115.4 (46.2-237.9)Female 6 2.6 232.3 (84.8-505.7)Larynx **Testis** 5 3.0 165.6 3 3.0 Male (53.4 - 386.4)Male nc (nc-nc) 2 8.0 Female nc (nc-nc) **Leukemia Thyroid** (50.6-231.7) 8 6.8 117.6 3 4.1 Male Male (nc-nc) nc Female 5.1 Female 12 12.7 94.4 (48.7-164.8)nc (nc-nc) Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS Male 5.4 4 nc (nc-nc) 1.8 Female 1 nc (nc-nc) Female 17 16.8 101.0 (58.8-161.7)**Lung and Bronchus** All Sites / Types

• Obs = observed case count; Exp = expected case count;

35.2

35.9

48

35

Male

Female

- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

(100.6-180.9)

(67.9-135.6)

Shading indicates the statistical significance of the SIR at 95% level of probability;

136.4

97.5

nc = The SIR and 95% CI were not calculated when Obs < 5;</li>

243

261

Male

Female

262.4

253.8

92.6

102.9

(81.3-105.0)

(90.8-116.1)

Hull

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs Exp SIR 95% CI Exp SIR 95% CI Obs Bladder, Urinary Melanoma of Skin 14 12.2 8.2 122.3 Male 114.8 (62.7-192.7)Male 10 (58.6-225.0)5 4.2 Female 118.0 (38.0-275.3)Female 10 6.5 154.8 (74.1-284.7)**Brain and Other Nervous System** Multiple Myeloma 2 2.0 Male 2.5 nc (nc-nc) Male 4 nc (nc-nc) 4 2 2.0 Female 1.4 Female (nc-nc) (nc-nc) nc nc Non-Hodgkin Lymphoma **Breast** 2 0.4 Male 8 7.0 114.4 (49.3-225.5)Male nc (nc-nc) 50 48.6 Female 10 177.4 Female 102.9 (76.4-135.6)5.6 (84.9 - 326.2)Oral Cavity & Pharynx **Cervix Uteri** 7 Male 5.2 134.1 (53.7-276.4)2 2.0 4 2.2 Female Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary 16 16.0 100.0 (57.1-162.3) Male 20 5 Female 14.0 142.5 (87.0-220.1)Female 4.6 108.8 (35.1-254.0)**Esophagus** <u>Pancreas</u> 3 3.4 4 3.9 Male nc (nc-nc) Male nc (nc-nc) 0 Female 3.7 Female 0.8 (nc-nc) 4 (nc-nc) nc nc Hodgkin Lymphoma **Prostate** 2 Male 1.1 Male 54 49.7 108.6 (81.6-141.7) (nc-nc) nc 1 0.9 Female nc (nc-nc) Kidney & Renal Pelvis **Stomach** Male 11 6.8 161.1 (80.3-288.3)Male 3 3.0 nc (nc-nc) Female 7 3.8 183.1 (73.4-377.4)Female 0 1.5 nc (nc-nc) Larynx **Testis** 2 2 2.0 1.7 Male Male nc (nc-nc) nc (nc-nc) 1 Female 0.5 nc (nc-nc) **Leukemia Thyroid** 5 4.3 116.2 4 2.6 Male (37.5-271.3)Male nc (nc-nc) Female 8 3.1 261.1 (112.4-514.4)Female 11 8.4 131.0 (65.3-234.4)Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS Male 4 3.5 nc (nc-nc) 1 Female 1.1 nc (nc-nc) Female 14 11.2 124.7 (68.1-209.3)**Lung and Bronchus** All Sites / Types 31 23.0 134.7 207 170.9 121.1 (105.2-138.8)Male (91.5-191.3)Male Female 27 22.0 122.7 (80.8-178.5)Female 207 160.1 129.3 (112.3-148.1)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;</li>

# Huntington

	<u>Obs</u>	<u>Exp</u>	SIR	95% CI		<u>Obs</u>	Exp	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	5	2.1	240.4	(77.5-560.9)	Male	3	1.5	nc	(nc-nc)
Female	1	0.7	nc	(nc-nc)	Female	1	1.1	nc	(nc-nc)
Brain and Other Nerv	vous Syste	<u>em</u>			Multiple Myeloma				
Male	0	0.5	nc	(nc-nc)	Male	0	0.4	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)	Female	0	0.2	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphoma				
Male	0	0.1	nc	(nc-nc)	Male	4	1.3	nc	(nc-nc)
Female	8	7.9	101.6	(43.8-200.3)	Female	1	0.9	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	1	1.0	nc	(nc-nc)
Female	1	0.3	nc	(nc-nc)	Female	0	0.4	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	3	2.8	nc	(nc-nc)					
Female	1	2.4	nc	(nc-nc)	Female	1	0.8	nc	(nc-nc)
Esophagus					<u>Pancreas</u>				
Male	0	0.6	nc	(nc-nc)	Male	0	0.7	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)	Female	1	0.6	nc	(nc-nc)
Hodgkin Lymphoma					<u>Prostate</u>				
Male	0	0.2	nc	(nc-nc)	Male	8	8.7	92.0	(39.6-181.4)
Female	0	0.2	nc	(nc-nc)					
Kidney & Renal Pelvi	<u>is</u>				Stomach .				
Male	3	1.2	nc	(nc-nc)	Male	1	0.5	nc	(nc-nc)
Female	1	0.6	nc	(nc-nc)	Female	0	0.3	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	0.4	nc	(nc-nc)	Male	0	0.3	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	1	8.0	nc	(nc-nc)	Male	1	0.5	nc	(nc-nc)
Female	0	0.5	nc	(nc-nc)	Female	0	1.4	nc	(nc-nc)
Liver and Intrahepati	c Bile Duc	<u>cts</u>			Uteri Corpus and Uterus,	<u>NOS</u>			
Male	1	0.7	nc	(nc-nc)					
Female	0	0.2	nc	(nc-nc)	Female	1	1.8	nc	(nc-nc)
<b>Lung and Bronchus</b>					All Sites / Types				
Male	6	3.9	154.4	(56.4-336.1)	Male	40	30.1	132.9	(94.9-180.9)
Female	2	3.5	nc	(nc-nc)	Female	22	26.4	83.4	(52.3-126.3)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

**Ipswich** 

	<u>Obs</u>	Exp	SIR	95% CI	Otaliaa aleea molaciio	Obs	<u>Exp</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	15	15.7	95.4	(53.3-157.3)	Male	15	10.1	148.9	(83.3-245.6)
Female	5	6.5	76.7	(24.7-179.0)	Female	14	8.3	168.1	(91.8-282.0)
Brain and Other Ner	vous Sys	tem_			Multiple Myeloma				
Male	7	3.0	229.6	(92.0-473.1)	Male	4	2.6	nc	(nc-nc)
Female	2	2.6	nc	(nc-nc)	Female	4	2.1	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>ma</u>			
Male	0	0.4	nc	(nc-nc)	Male	11	8.7	125.8	(62.7-225.0)
Female	69	63.2	109.2	(84.9-138.2)	Female	13	8.2	159.0	(84.6-271.9)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	13	6.4	204.0	(108.5-348.8)
Female	2	2.4	nc	(nc-nc)	Female	0	3.1	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	13	20.2	64.2	(34.1-109.8)					
Female	33	22.2	148.8	(102.4-208.9)	Female	9	6.1	146.6	(66.9-278.4)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	3	4.3	nc	(nc-nc)	Male	4	5.0	nc	(nc-nc)
Female	0	1.3	nc	(nc-nc)	Female	11	5.8	188.4	(93.9-337.1)
Hodgkin Lymphoma	<u>1</u>				<u>Prostate</u>				
Male	0	1.2	nc	(nc-nc)	Male	79	60.8	129.9	(102.8-161.9)
Female	2	1.0	nc	(nc-nc)					
Kidney & Renal Pel	<u>/is</u>				<u>Stomach</u>				
Male	9	8.4	107.1	(48.9-203.3)	Male	5	3.8	132.3	(42.6-308.8)
Female	4	5.2	nc	(nc-nc)	Female	4	2.5	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	4	2.5	nc	(nc-nc)	Male	3	1.8	nc	(nc-nc)
Female	2	0.7	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	12	5.4	220.8	(113.9-385.6)	Male	5	3.0	164.3	(52.9-383.4)
Female	4	4.5	nc	(nc-nc)	Female	11	9.7	113.6	(56.6-203.3)
Liver and Intrahepar					Uteri Corpus and Uteri	us, NOS			
Male	4	4.4	nc	(nc-nc)					
Female	3	1.6	nc	(nc-nc)	Female	18	14.2	127.0	(75.2-200.7)
Lung and Bronchus					All Sites / Types				
Male	30	29.2	102.7	(69.2-146.5)	Male	249	213.0	116.9	(102.8-132.4)
Female	23	31.4	73.1	(46.3-109.7)	Female	248	220.7	112.3	(98.8-127.2)

Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

Shading indicates the statistical significance of the SIR at 95% level of probability;

<sup>•</sup> nc = The SIR and 95% CI were not calculated when Obs < 5;

# **Kingston**

	<u>Obs</u>	Exp	SIR	95% CI	Otaliaa aleea molaciio	Obs.	<u> Exp</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	9	13.8	65.0	(29.7-123.5)	Male	9	8.6	104.4	(47.6-198.2)
Female	12	5.2	229.3	(118.3-400.5)	Female	9	7.0	129.4	(59.0-245.6)
Brain and Other Ner	vous Sys	tem_			Multiple Myeloma				
Male	4	2.7	nc	(nc-nc)	Male	2	2.2	nc	(nc-nc)
Female	1	2.2	nc	(nc-nc)	Female	1	1.7	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>ma</u>			
Male	0	0.4	nc	(nc-nc)	Male	13	7.6	171.5	(91.2-293.2)
Female	51	50.4	101.1	(75.3-133.0)	Female	5	6.6	75.8	(24.4-176.8)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	6	5.2	116.0	(42.4-252.5)
Female	1	2.1	nc	(nc-nc)	Female	2	2.5	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	15	17.4	86.0	(48.1-141.8)					
Female	20	17.9	111.6	(68.2-172.4)	Female	5	4.9	101.9	(32.8-237.8)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	2	3.5	nc	(nc-nc)	Male	5	4.3	115.9	(37.4-270.5)
Female	0	1.0	nc	(nc-nc)	Female	8	4.7	170.6	(73.5-336.2)
Hodgkin Lymphoma	<u>1</u>				<u>Prostate</u>				
Male	0	1.1	nc	(nc-nc)	Male	61	49.3	123.7	(94.6-158.9)
Female	0	0.9	nc	(nc-nc)					
Kidney & Renal Pelv	<u>/is</u>				<u>Stomach</u>				
Male	6	7.0	85.7	(31.3-186.6)	Male	5	3.3	151.2	(48.7-352.8)
Female	6	4.2	144.0	(52.6-313.5)	Female	2	2.0	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	2	2.0	nc	(nc-nc)	Male	1	1.8	nc	(nc-nc)
Female	0	0.6	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	6	4.9	123.4	(45.0-268.5)	Male	0	2.6	nc	(nc-nc)
Female	5	3.8	131.8	(42.5-307.6)	Female	7	8.4	83.8	(33.6-172.7)
Liver and Intrahepat	tic Bile Du				Uteri Corpus and Uteri	ıs, NOS			
Male	1	3.6	nc	(nc-nc)					
Female	1	1.3	nc	(nc-nc)	Female	19	11.0	172.0	(103.5-268.6)
Lung and Bronchus	<u>i</u>				All Sites / Types				
Male	27	25.0	107.8	(71.0-156.9)	Male	190	180.5	105.3	(90.8-121.4)
Female	22	25.0	88.1	(55.2-133.4)	Female	193	178.1	108.4	(93.6-124.8)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Lakeville

	<u>Obs</u>	Exp	SIR	95% CI	, min otandaraizoa moracino	Obs	<u> Exp</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	10	10.3	96.9	(46.4-178.3)	Male	7	7.0	100.3	(40.2-206.6)
Female	6	4.0	150.8	(55.1-328.3)	Female	5	5.7	88.2	(28.4-205.8)
Brain and Other Ner	vous Sys	<u>tem</u>			Multiple Myeloma				
Male	1	2.2	nc	(nc-nc)	Male	3	1.7	nc	(nc-nc)
Female	1	1.8	nc	(nc-nc)	Female	1	1.3	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>na</u>			
Male	0	0.3	nc	(nc-nc)	Male	5	6.0	83.1	(26.8-194.0)
Female	37	41.3	89.6	(63.1-123.5)	Female	5	5.1	97.5	(31.4-227.6)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	6	4.4	135.8	(49.6-295.6)
Female	1	1.8	nc	(nc-nc)	Female	3	2.0	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	21	13.6	154.9	(95.9-236.9)					
Female	13	13.7	94.9	(50.5-162.3)	Female	1	4.0	nc	(nc-nc)
<b>Esophagus</b>					<u>Pancreas</u>				
Male	2	2.9	nc	(nc-nc)	Male	1	3.3	nc	(nc-nc)
Female	0	8.0	nc	(nc-nc)	Female	5	3.6	140.5	(45.3-327.8)
Hodgkin Lymphoma	1				<u>Prostate</u>				
Male	0	1.0	nc	(nc-nc)	Male	47	40.8	115.3	(84.7-153.3)
Female	0	8.0	nc	(nc-nc)					
Kidney & Renal Pelv	<u>ris</u>				<u>Stomach</u>				
Male	6	5.8	104.2	(38.1-226.8)	Male	3	2.5	nc	(nc-nc)
Female	2	3.3	nc	(nc-nc)	Female	2	1.6	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	2	1.6	nc	(nc-nc)	Male	6	1.5	388.5	(141.9-845.7)
Female	0	0.5	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	2	3.8	nc	(nc-nc)	Male	1	2.2	nc	(nc-nc)
Female	4	3.0	nc	(nc-nc)	Female	5	7.1	70.5	(22.7-164.6)
Liver and Intrahepat	ic Bile Du				Uteri Corpus and Uteru	ıs, NOS			
Male	1	3.0	nc	(nc-nc)					
Female	0	1.0	nc	(nc-nc)	Female	7	9.1	77.3	(31.0-159.2)
Lung and Bronchus					All Sites / Types				
Male	21	19.2	109.4	(67.7-167.3)	Male	153	143.8	106.4	(90.2-124.6)
Female	23	19.2	119.8	(75.9-179.7)	Female	131	141.6	92.5	(77.3-109.8)

<sup>•</sup> Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

Shading indicates the statistical significance of the SIR at 95% level of probability;

<sup>•</sup> nc = The SIR and 95% CI were not calculated when Obs < 5;

### Lancaster

	Obs	<u>Exp</u>	SIR	95% CI	with Standardized incluence Ra	Obs	<u>Ехр</u>	SIR	95% CI
Bladder, Urinary		<u></u>			Melanoma of Skin		<u> </u>		
Male	8	5.6	142.4	(61.3-280.6)	Male	1	4.3	nc	(nc-nc)
Female	3	2.1	nc	(nc-nc)	Female	4	3.0	nc	(nc-nc)
Brain and Other Nei	rvous Sys			,	Multiple Myeloma				,
Male	3	 1.4	nc	(nc-nc)	Male	0	1.0	nc	(nc-nc)
Female	3	0.9	nc	(nc-nc)	Female	1	0.7	nc	(nc-nc)
<u>Breast</u>				,	Non-Hodgkin Lymphoma				, ,
Male	1	0.2	nc	(nc-nc)	Male	4	3.7	nc	(nc-nc)
Female	23	21.2	108.6	(68.8-163.0)	Female	1	2.7	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	3	2.7	nc	(nc-nc)
Female	2	0.9	nc	(nc-nc)	Female	0	1.0	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	3	7.7	nc	(nc-nc)					
Female	11	7.1	154.6	(77.1-276.6)	Female	2	2.1	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	0	1.6	nc	(nc-nc)	Male	1	1.8	nc	(nc-nc)
Female	1	0.4	nc	(nc-nc)	Female	1	1.8	nc	(nc-nc)
Hodgkin Lymphoma	<u>a</u>				<u>Prostate</u>				
Male	0	8.0	nc	(nc-nc)	Male	30	22.8	131.7	(88.9-188.0)
Female	0	0.5	nc	(nc-nc)					
Kidney & Renal Pel	<u>vis</u>				<u>Stomach</u>				
Male	2	3.4	nc	(nc-nc)	Male	1	1.4	nc	(nc-nc)
Female	6	1.7	355.4	(129.8-773.6)	Female	0	8.0	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	1	0.9	nc	(nc-nc)	Male	1	1.5	nc	(nc-nc)
Female	0	0.2	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	1	2.3	nc	(nc-nc)	Male	2	1.6	nc	(nc-nc)
Female	5	1.5	326.1	(105.1-761.0)	Female	5	3.8	131.0	(42.2-305.8)
Liver and Intrahepa					Uteri Corpus and Uterus,	NOS			
Male	1	1.8	nc	(nc-nc)					
Female	0	0.5	nc	(nc-nc)	Female	8	4.7	171.2	(73.7-337.4)
Lung and Bronchus	='				All Sites / Types				
Male	14	10.5	133.9	(73.2-224.7)	Male	80	83.4	96.0	(76.1-119.4)
Female	14	9.9	142.0	(77.6-238.3)	Female	94	73.4	128.0	(103.5-156.7)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

# Lanesborough

	<u>Obs</u>	Exp	SIR	95% CI		Obs	<u>Ехр</u>	SIR	95% CI
Bladder, Urinary					Melanoma of Skin				
Male	7	3.5	199.1	(79.7-410.1)	Male	5	2.3	217.7	(70.2-508.1)
Female	2	1.1	nc	(nc-nc)	Female	2	1.6	nc	(nc-nc)
Brain and Other Ner	rvous Sys	<u>tem</u>			Multiple Myeloma				
Male	2	0.7	nc	(nc-nc)	Male	0	0.6	nc	(nc-nc)
Female	1	0.5	nc	(nc-nc)	Female	0	0.4	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphoma	!			
Male	0	0.1	nc	(nc-nc)	Male	2	2.0	nc	(nc-nc)
Female	20	11.9	168.8	(103.0-260.7)	Female	4	1.4	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	2	1.5	nc	(nc-nc)
Female	1	0.5	nc	(nc-nc)	Female	1	0.6	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	5	4.5	109.9	(35.4-256.5)					
Female	2	3.7	nc	(nc-nc)	Female	2	1.1	nc	(nc-nc)
<b>Esophagus</b>					<u>Pancreas</u>				
Male	1	1.0	nc	(nc-nc)	Male	1	1.1	nc	(nc-nc)
Female	1	0.2	nc	(nc-nc)	Female	0	1.0	nc	(nc-nc)
Hodgkin Lymphoma	<u>1</u>				<u>Prostate</u>				
Male	1	0.3	nc	(nc-nc)	Male	22	13.9	158.5	(99.3-239.9)
Female	1	0.2	nc	(nc-nc)					
Kidney & Renal Pel	<u>vis</u>				<u>Stomach</u>				
Male	2	1.9	nc	(nc-nc)	Male	1	0.9	nc	(nc-nc)
Female	0	0.9	nc	(nc-nc)	Female	2	0.4	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	0.6	nc	(nc-nc)	Male	0	0.4	nc	(nc-nc)
Female	0	0.1	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	0	1.2	nc	(nc-nc)	Male	1	0.7	nc	(nc-nc)
Female	0	8.0	nc	(nc-nc)	Female	1	2.0	nc	(nc-nc)
Liver and Intrahepa	tic Bile Dι				Uteri Corpus and Uterus,	NOS			
Male	0	1.0	nc	(nc-nc)					
Female	0	0.3	nc	(nc-nc)	Female	3	2.7	nc	(nc-nc)
Lung and Bronchus	_				All Sites / Types				
Male	8	6.6	121.5	(52.3-239.4)	Male	67	48.3	138.8	(107.6-176.3)
Female	6	5.5	108.8	(39.7-236.8)	Female	56	39.9	140.4	(106.0-182.3)

<sup>•</sup> Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

<sup>•</sup> Shading indicates the statistical significance of the SIR at 95% level of probability;

nc = The SIR and 95% CI were not calculated when Obs < 5;</li>

#### Lawrence

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs Exp 95% CI Obs SIR 95% CI SIR Exp Bladder, Urinary Melanoma of Skin 52 32.1 95.7 (71.5-125.5) 12 37.3 (16.6-56.2)Male 54.3 Male 16 34.5 Female 22.2 71.9 (41.1-116.8)Female 12 34.8 (17.8-60.2)**Brain and Other Nervous System Multiple Myeloma** 124.7 Male 16 13.5 118.6 (67.8-192.7)Male 11 8.8 (62.2-223.2)10 Female 11.9 84.0 (40.2-154.6)Female 7.3 150.9 11 (75.2-270.1)Non-Hodgkin Lymphoma **Breast** Male 3 1.5 (nc-nc) Male 24 33.0 72.6 (46.5-108.1) nc 180 229.6 88.1 Female 78.4 (67.4-90.7)Female 26 29.5 (57.6-129.1) **Cervix Uteri Oral Cavity & Pharynx** 17 22.1 76.9 Male (44.8-123.1)Female 20 11.1 180.9 (110.4-279.4)8 11.3 70.8 Female (30.5-139.4)Colon / Rectum Ovary Male 73 70.5 103.5 (81.1-130.1)79 103.2 22.5 Female 76.5 (81.7-128.7)Female 14 62.3 (34.0-104.5)**Esophagus Pancreas** 76.9 22 17.2 128.1 11 14.3 (80.3-194.0)Male (38.3-137.7)Male 2 4.3 29 19.9 Female nc Female 146.1 (97.8-209.8) (nc-nc) **Hodgkin Lymphoma Prostate** 5 7.4 67.9 (21.9-158.6) Male 218 198.6 109.7 Male (95.7-125.3) 9 5.9 Female 151.7 (69.2-288.1)Kidney & Renal Pelvis Stomach Male 20 29.6 67.7 (41.3-104.5)Male 18 13.3 135.7 (80.4-214.4)Female 16 18.7 85.4 (48.8-138.6) Female 6 8.7 69.2 (25.3-150.6)Larynx **Testis** 3 14 8.2 170.9 12.5 Male (93.4-286.8)Male nc (nc-nc) 3 2.5 Female nc (nc-nc) **Leukemia Thyroid** (54.2-137.2) 20 22.5 88.88 10 12.7 78.9 Male Male (37.8-145.1)Female 18 18.6 96.9 (57.4-153.2) Female 35 45.4 77.2 (53.7-107.3) Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS Male 23 154.0 14.9 (97.6-231.1) 9 Female 5.7 157.4 (71.8-298.8)Female 45 50.1 89.7 (65.4-120.1) **Lung and Bronchus** All Sites / Types Male 107 98.6 108.6 729 750.9 97.1 (90.2-104.4)(89.0-131.2) Male Female 97 107.4 90.3 (73.2-110.2)Female 698 809.4 86.2 (80.0-92.9)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

Lee

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs SIR 95% CI Obs SIR 95% CI Exp Exp Bladder, Urinary Melanoma of Skin 10 7.7 130.4 (62.4-239.8)Male Male 4 4.7 nc (nc-nc) Female 4 2.8 nc (nc-nc) Female 5 3.5 141.5 (45.6-330.2)**Brain and Other Nervous System Multiple Myeloma** 3 0 Male 1.4 nc (nc-nc) Male 1.2 nc (nc-nc) 0 0.9 Female 1 1.1 Female (nc-nc) (nc-nc) nc nc Non-Hodgkin Lymphoma **Breast** Male 0 0.2 Male 5 4.1 122.2 (39.4-285.1) nc (nc-nc) 25 26.4 94.8 Female 6 172.9 Female (61.3-139.9)3.5 (63.1-376.4)Oral Cavity & Pharynx **Cervix Uteri** 0 2.8 Male nc (nc-nc) 2 1.0 3 1.3 Female Female nc (nc-nc) nc (nc-nc) Colon / Rectum Ovary Male 12 9.5 125.8 (64.9 - 219.8)13 Female 9.2 141.0 (75.0-241.1)Female 1 2.6 nc (nc-nc) **Esophagus** Pancreas Pancreas 2.0 4 2.4 4 Male nc (nc-nc) Male nc (nc-nc) Female 1 2.5 Female 1 0.5 (nc-nc) (nc-nc) nc nc **Prostate** Hodgkin Lymphoma Male 0 0.6 30 28.5 105.2 (71.0-150.3) (nc-nc) Male nc 0 Female 0.5 nc (nc-nc) Kidney & Renal Pelvis Stomach Male 2 3.9 Male 4 1.8 nc (nc-nc) nc (nc-nc) Female 0 2.2 (nc-nc) Female 1 1.0 nc nc (nc-nc) Larynx **Testis** 1 0 0.9 Male 1.1 Male nc (nc-nc) nc (nc-nc) 1 0.3 Female nc (nc-nc) **Leukemia Thyroid** 1 2.6 1.4 Male nc (nc-nc) Male 1 (nc-nc) nc Female 1 1.9 Female 3 4.1 nc (nc-nc) nc (nc-nc) Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS Male 0 2.0 nc (nc-nc) 0 3 Female 0.7 (nc-nc) Female 6.0 (nc-nc) nc nc **Lung and Bronchus** All Sites / Types Male 21 14.1 148.6 107 100.5 106.5 (87.3-128.7)(92.0-227.2)Male Female 17 13.7 124.4 (72.4-199.1)Female 93 93.2 99.7 (80.5-122.2)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

### Leicester

	Obs	Exp	Served and Exp	95% CI	illi Standardized ilicidence N	Obs	<u>Ехр</u>	SIR	95% CI
Bladder, Urinary	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Melanoma of Skin	<u> </u>	<u>=F</u>	<u> </u>	<u> </u>
Male	11	10.5	104.3	(52.0-186.6)	Male	5	7.0	71.5	(23.0-166.9)
Female	2	4.0	nc	(nc-nc)	Female	5	5.7	88.4	(28.5-206.3)
Brain and Other Ne				( /	Multiple Myeloma				( 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Male	1	2.2	nc	(nc-nc)	Male	3	1.7	nc	(nc-nc)
Female	0	1.8	nc	(nc-nc)	Female	1	1.3	nc	(nc-nc)
<u>Breast</u>				,	Non-Hodgkin Lymphon	<u>1a</u>			, ,
Male	0	0.3	nc	(nc-nc)	Male	2	6.1	nc	(nc-nc)
Female	41	40.4	101.4	(72.7-137.5)	Female	2	5.1	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	1	4.3	nc	(nc-nc)
Female	2	1.7	nc	(nc-nc)	Female	3	2.0	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	7	13.7	51.0	(20.4-105.1)					
Female	16	13.5	118.8	(67.8-192.9)	Female	1	3.9	nc	(nc-nc)
<b>Esophagus</b>					<u>Pancreas</u>				
Male	2	2.8	nc	(nc-nc)	Male	4	3.4	nc	(nc-nc)
Female	1	8.0	nc	(nc-nc)	Female	4	3.5	nc	(nc-nc)
Hodgkin Lymphoma	<u>a</u>				<u>Prostate</u>				
Male	1	1.0	nc	(nc-nc)	Male	33	39.8	83.0	(57.1-116.5)
Female	0	8.0	nc	(nc-nc)					
Kidney & Renal Pel	<u>vis</u>				<u>Stomach</u>				
Male	7	5.7	123.4	(49.4-254.2)	Male	0	2.6	nc	(nc-nc)
Female	2	3.3	nc	(nc-nc)	Female	1	1.5	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	1.6	nc	(nc-nc)	Male	5	1.6	306.2	(98.7-714.6)
Female	0	0.5	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	4	3.9	nc	(nc-nc)	Male	0	2.2	nc	(nc-nc)
Female	2	2.9	nc	(nc-nc)	Female	1	7.1	nc	(nc-nc)
Liver and Intrahepa	<u>tic Bile Dι</u>				Uteri Corpus and Uteru	s, NOS			
Male	4	2.9	nc	(nc-nc)					
Female	0	1.0	nc	(nc-nc)	Female	13	9.0	144.8	(77.0-247.6)
Lung and Bronchus	_				All Sites / Types				
Male	27	19.3	139.6	(92.0-203.2)	Male	125	143.8	86.9	(72.3-103.5)
Female	31	19.4	159.8	(108.5-226.8)	Female	134	140.4	95.5	(80.0-113.1)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;

Lenox

	Obs	Exp	SIR	95% CI	, with Standardized incluence	Obs	<u>Exp</u>	SIR	95% CI
Bladder, Urinary				<u> </u>	Melanoma of Skin				<u></u>
Male	11	8.9	123.8	(61.7-221.5)	Male	11	4.9	224.1	(111.7-400.9)
Female	0	3.7	nc	(nc-nc)	Female	7	3.9	178.5	(71.5-367.8)
Brain and Other Ner	rvous Sys	<u>tem</u>			Multiple Myeloma				
Male	1	1.3	nc	(nc-nc)	Male	0	1.3	nc	(nc-nc)
Female	1	1.2	nc	(nc-nc)	Female	1	1.2	nc	(nc-nc)
<u>Breast</u>					Non-Hodgkin Lymphor	<u>na</u>			
Male	1	0.2	nc	(nc-nc)	Male	3	4.4	nc	(nc-nc)
Female	40	29.8	134.3	(96.0-182.9)	Female	1	4.4	nc	(nc-nc)
Cervix Uteri					Oral Cavity & Pharynx				
					Male	2	2.8	nc	(nc-nc)
Female	2	1.0	nc	(nc-nc)	Female	2	1.6	nc	(nc-nc)
Colon / Rectum					<u>Ovary</u>				
Male	12	10.8	111.3	(57.4-194.4)					
Female	12	12.9	92.8	(47.9-162.1)	Female	4	3.0	nc	(nc-nc)
<u>Esophagus</u>					<u>Pancreas</u>				
Male	2	2.1	nc	(nc-nc)	Male	2	2.7	nc	(nc-nc)
Female	2	0.7	nc	(nc-nc)	Female	5	3.4	146.4	(47.2-341.7)
Hodgkin Lymphoma	_				<u>Prostate</u>				
Male	0	0.5	nc	(nc-nc)	Male	32	29.2	109.5	(74.9-154.6)
Female	0	0.4	nc	(nc-nc)					
Kidney & Renal Pelv					<u>Stomach</u>				
Male	5	3.9	127.7	(41.2-298.0)	Male	2	2.1	nc	(nc-nc)
Female	1	2.6	nc	(nc-nc)	Female	0	1.5	nc	(nc-nc)
<u>Larynx</u>					<u>Testis</u>				
Male	0	1.2	nc	(nc-nc)	Male	0	0.6	nc	(nc-nc)
Female	0	0.3	nc	(nc-nc)					
<u>Leukemia</u>					<u>Thyroid</u>				
Male	4	2.8	nc	(nc-nc)	Male	1	1.2	nc	(nc-nc)
Female	2	2.4	nc	(nc-nc)	Female	3	3.8	nc	(nc-nc)
Liver and Intrahepat					Uteri Corpus and Uteru	ıs, NOS			
Male	0	2.0	nc	(nc-nc)					
Female	1	0.9	nc	(nc-nc)	Female	8	6.6	121.2	(52.2-238.8)
Lung and Bronchus	='				All Sites / Types				
Male .	8	15.4	51.8	(22.3-102.0)	Male	104	107.2	97.0	(79.3-117.5)
Female	12	16.8	71.6	(37.0-125.1)	Female	112	112.4	99.6	(82.0-119.9)

Obs = observed case count; Exp = expected case count;

SIR = standardized incidence ratio ( (Obs / Exp) X 100);

<sup>• 95%</sup> CI = 95% confidence intervals, a measure of the statistical significance of the SIR;

Shading indicates the statistical significance of the SIR at 95% level of probability;

<sup>•</sup> nc = The SIR and 95% CI were not calculated when Obs < 5;

### Leominster

Observed and Expected Case Counts, with Standardized Incidence Ratios, 2004-2008 Obs 95% CI Obs SIR 95% CI Exp SIR Exp Bladder, Urinary Melanoma of Skin 32 41.0 78.1 (53.4-110.2)24 26.7 89.9 (57.6-133.8)Male Male 14 85.1 56.9 Female 16.4 (46.5-142.8)Female 13 22.8 (30.3-97.4)**Brain and Other Nervous System Multiple Myeloma** 10 117.6 5 75.8 Male 8.5 (56.3-216.2)Male 6.6 (24.4-177.0)6 7.3 82.8 (30.2-180.1)Female 4 5.4 Female (nc-nc) nc Non-Hodgkin Lymphoma **Breast** 1 1.2 (nc-nc) Male 16 23.3 68.8 (39.3-111.7)Male nc 168 161.7 103.9 Female 100.0 Female (88.8-120.8)21 21.0 (61.9-152.8)**Cervix Uteri Oral Cavity & Pharynx** 7 43.2 16.2 Male (17.3-89.1)3 7.0 13 7.9 163.7 Female Female (87.1-280.0)nc (nc-nc) Colon / Rectum Ovary Male 56 52.4 106.8 (80.7-138.8)59 20 Female 55.7 105.9 (80.6-136.5) Female 15.8 126.9 (77.5-196.0)**Esophagus Pancreas** 13.0 108.1 18 10.9 165.4 (98.0-261.4)14 (59.0-181.4)Male Male 2 Female Female 3.2 (nc-nc) 21 14.7 143.1 (88.6-218.8) nc Hodgkin Lymphoma **Prostate** 83.9 3 4.0 129 153.8 (70.0-99.7)Male Male nc (nc-nc) 5 3.2 Female 154.0 (49.6 - 359.4)Kidney & Renal Pelvis Stomach Male 21 21.7 96.8 (59.9-148.0)Male 10 9.9 101.3 (48.5-186.2)Female 12 13.3 90.0 (46.5-157.3)Female 7 6.3 111.0 (44.5-228.7)Larynx **Testis** 7 6.2 112.2 (44.9-231.1)6 6.5 93.0 Male Male (33.9-202.4)3 Female 1.8 nc (nc-nc) **Leukemia Thyroid** 17 14.8 114.7 (66.8-183.6)5 8.4 59.7 (19.2-139.2)Male Male Female 11 12.0 91.6 (45.7-164.0) Female 23 28.0 82.0 (52.0-123.1) Liver and Intrahepatic Bile Ducts Uteri Corpus and Uterus, NOS Male 8 11.1 72.3 (31.1-142.5)5 Female 4.1 123.3 (39.7-287.8)Female 39 35.8 108.9 (77.4-148.8)**Lung and Bronchus** All Sites / Types Male 84 75.5 111.3 520 553.8 93.9 (86.0-102.3)(88.8-137.8)Male Female 65 79.8 81.5 (62.9-103.8)Female 557 569.5 97.8 (89.9-106.3)

- Obs = observed case count; Exp = expected case count;
- SIR = standardized incidence ratio ( (Obs / Exp) X 100);
- 95% CI = 95% confidence intervals, a measure of the statistical significance of the SIR;
- Shading indicates the statistical significance of the SIR at 95% level of probability;
- nc = The SIR and 95% CI were not calculated when Obs < 5;